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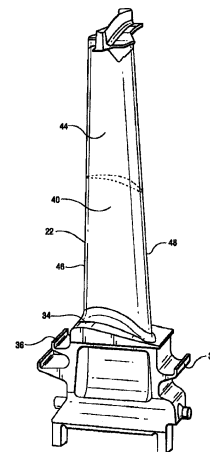
权利要求书 112 页 说明书 32 页 附图 5 页

[54] 发明名称

第二级涡轮叶片的翼面

[57] 摘要

第二级叶片(22)具有基本上按照表 1 中列出的 X, Y 和 Z 笛卡儿坐标值的翼面轮廓, 其中 X 和 Y 值用英寸表示, Z 值为沿着与涡轮半径方向一致的叶片中心线的无因次值。通过将 Z 值乘以翼面高度, 并将其结果与根部半径相加, 可将该无因次值转换为离所述涡轮轴线的以英寸表示的 Z 距离。X 和 Y 距离可作为同一个常数或数字的函数按比例改变, 形成叶片的比例放大或缩小的翼面截面。由 X、Y 和 Z 距离给出的名义翼面处在 ± 0.160 英寸的包络面内。



1. 一种涡轮叶片(22)，它的叶片翼面包络面形状在与任何翼面表面位置垂直的方向上在 ± 0.160 英寸内，其中，该翼面具有基本上按照表1中列出的X、Y和Z笛卡儿坐标值的名义轮廓；其中，Z为沿着与涡轮回转轴半径方向一致的叶片中心线的无因次值，通过将Z值乘以翼面高度，并将其乘积与叶片的根部半径相加，可将该无因次值转换为离所述涡轮轴线的以英寸表示的Z距离；其中，X和Y为确定在每一个距离Z处的翼面轮廓的以英寸表示的距离，在Z距离处的轮廓彼此平滑地连接，形成一个完整的翼面形状，其中：

表 1

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.672	0.175	0.000	-1.522	0.173	0.035	-1.697	0.458	0.069
-1.429	0.908	0.000	-1.268	0.141	0.035	-1.477	0.201	0.069
-1.614	0.152	0.000	-1.684	0.229	0.035	-1.701	0.310	0.069
-1.734	0.278	0.000	-1.406	0.936	0.035	-1.351	0.182	0.069
-1.725	0.378	0.000	-1.722	0.352	0.035	-1.561	0.745	0.069
-1.631	0.612	0.000	-1.538	0.771	0.035	-1.589	0.225	0.069
-1.485	0.134	0.000	-1.597	0.188	0.035	-1.705	0.425	0.069
-1.496	0.825	0.000	-1.722	0.319	0.035	-1.663	0.557	0.069
-1.731	0.344	0.000	-1.664	0.215	0.035	-1.599	0.684	0.069
-1.693	0.480	0.000	-1.475	0.855	0.035	-1.520	0.803	0.069
-1.518	0.137	0.000	-1.615	0.648	0.035	-1.420	0.925	0.069
-1.357	0.987	0.000	-1.711	0.418	0.035	-1.515	0.208	0.069
-1.557	0.737	0.000	-1.678	0.519	0.035	-1.472	0.865	0.069
-1.734	0.311	0.000	-1.358	0.151	0.035	-1.707	0.334	0.069
-1.453	0.130	0.000	-1.718	0.385	0.035	-1.710	0.360	0.069
-1.692	0.188	0.000	-1.485	0.167	0.035	-1.690	0.288	0.069
-1.273	0.113	0.000	-1.632	0.199	0.035	-1.709	0.392	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.664	0.547	0.000	-1.271	1.065	0.035	-1.440	0.195	0.069
-1.644	0.161	0.000	-1.711	0.269	0.035	-1.307	1.034	0.069
-1.721	0.228	0.000	-1.447	0.162	0.035	-1.261	0.170	0.069
-1.582	0.146	0.000	-1.648	0.584	0.035	-1.365	0.981	0.069
-1.730	0.252	0.000	-1.578	0.710	0.035	-1.688	0.490	0.069
-1.596	0.675	0.000	-1.702	0.451	0.035	-1.623	0.238	0.069
-1.716	0.411	0.000	-1.331	1.011	0.035	-1.552	0.216	0.069
-1.298	1.044	0.000	-1.718	0.294	0.035	-1.633	0.622	0.069
-1.709	0.206	0.000	-1.560	0.179	0.035	-1.674	0.270	0.069
-1.550	0.141	0.000	-1.700	0.247	0.035	-1.656	0.255	0.069
-1.059	0.087	0.000	-1.207	1.114	0.035	-0.895	1.268	0.069
-0.960	1.265	0.000	-0.850	1.289	0.035	-1.180	1.132	0.069
-1.033	1.232	0.000	-1.054	0.112	0.035	-0.941	0.120	0.069
-0.885	1.293	0.000	-0.999	1.237	0.035	-0.807	0.091	0.069
-0.952	0.069	0.000	-0.813	0.066	0.035	-1.101	0.148	0.069
-1.172	1.147	0.000	-1.141	1.160	0.035	-0.819	1.288	0.069
-0.818	0.041	0.000	-1.161	0.127	0.035	-1.112	1.174	0.069
-1.104	1.192	0.000	-0.947	0.094	0.035	-1.042	1.211	0.069
-0.809	1.314	0.000	-0.926	1.266	0.035	-0.969	1.243	0.069
-1.237	1.097	0.000	-1.071	1.201	0.035	-1.245	1.085	0.069
-1.166	0.101	0.000	-0.680	0.031	0.035	-0.505	1.302	0.069
-0.554	-0.034	0.000	-0.145	1.197	0.035	0.175	0.982	0.069
-0.025	1.136	0.000	-0.299	1.263	0.035	-0.050	-0.208	0.069
-0.649	1.333	0.000	-0.296	-0.109	0.035	-0.349	1.270	0.069
-0.250	1.256	0.000	-0.071	1.157	0.035	-0.273	1.245	0.069
0.062	-0.326	0.000	-0.615	1.319	0.035	-0.544	0.016	0.069
-0.426	-0.081	0.000	-0.054	-0.232	0.035	-0.291	-0.084	0.069
-0.098	1.181	0.000	-0.773	1.306	0.035	-0.585	1.308	0.069
-0.685	0.007	0.000	-0.422	-0.056	0.035	0.066	-0.278	0.069
-0.177	-0.193	0.000	-0.221	1.233	0.035	-0.742	1.301	0.069
-0.300	-0.134	0.000	0.001	1.113	0.035	-0.664	1.308	0.069
-0.056	-0.257	0.000	0.156	1.001	0.035	-0.196	1.214	0.069
-0.408	1.307	0.000	0.070	1.065	0.035	-0.416	-0.031	0.069
-0.173	1.221	0.000	-0.535	1.315	0.035	0.023	1.094	0.069
0.132	1.024	0.000	-0.695	1.316	0.035	-0.170	-0.143	0.069
-0.488	1.323	0.000	-0.376	1.286	0.035	-0.427	1.289	0.069
-0.329	1.285	0.000	0.064	-0.302	0.035	-0.674	0.057	0.069
-0.730	1.327	0.000	-0.174	-0.168	0.035	0.091	1.046	0.069
0.046	1.089	0.000	-0.550	-0.010	0.035	-0.121	1.178	0.069
-0.568	1.331	0.000	-0.455	1.304	0.035	-0.048	1.138	0.069
0.746	-0.844	0.000	0.886	-0.958	0.035	0.707	0.429	0.069
0.528	-0.659	0.000	0.238	0.932	0.035	0.484	0.691	0.069
1.029	-1.112	0.000	0.301	-0.462	0.035	0.335	0.842	0.069
0.450	0.730	0.000	0.469	0.708	0.035	0.185	-0.357	0.069
0.638	-0.750	0.000	0.415	-0.548	0.035	0.302	-0.440	0.069
0.301	-0.485	0.000	0.184	-0.379	0.035	0.912	0.152	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.682	0.466	0.000	0.905	0.167	0.035	0.741	-0.808	0.069
1.096	-0.105	0.000	0.744	-0.825	0.035	0.882	-0.943	0.069
0.416	-0.570	0.000	1.100	-0.122	0.035	1.009	0.009	0.069
0.297	0.883	0.000	0.527	-0.638	0.035	0.527	-0.619	0.069
0.183	-0.404	0.000	0.637	-0.730	0.035	0.411	0.767	0.069
0.375	0.808	0.000	0.696	0.445	0.035	0.257	0.913	0.069
0.889	-0.976	0.000	1.025	-1.096	0.035	1.019	-1.082	0.069
0.568	0.600	0.000	1.004	0.024	0.035	0.635	-0.712	0.069
0.896	0.186	0.000	0.585	0.579	0.035	0.415	-0.528	0.069
0.216	0.955	0.000	0.802	0.308	0.035	0.598	0.562	0.069
0.791	0.327	0.000	0.395	0.785	0.035	1.102	-0.137	0.069
0.998	0.042	0.000	0.318	0.860	0.035	0.811	0.292	0.069
1.259	-0.365	0.000	1.291	-1.381	0.035	1.347	-0.553	0.069
1.305	-0.442	0.000	1.571	-0.951	0.035	1.192	-0.284	0.069
1.533	-1.663	0.000	1.612	-1.034	0.035	1.602	-1.044	0.069
1.415	-0.633	0.000	1.514	-0.840	0.035	1.462	-0.768	0.069
1.360	-0.535	0.000	1.159	-1.237	0.035	1.409	-1.519	0.069
1.521	-0.826	0.000	1.465	-0.747	0.035	1.283	-1.371	0.069
1.621	-1.022	0.000	1.411	-0.648	0.035	1.153	-1.225	0.069
1.576	-0.932	0.000	1.193	-0.270	0.035	1.493	-1.622	0.069
1.298	-1.394	0.000	1.523	-1.653	0.035	1.301	-0.471	0.069
1.191	-0.253	0.000	1.419	-1.528	0.035	1.550	-0.940	0.069
1.427	-1.540	0.000	1.304	-0.458	0.035	1.505	-0.851	0.069
1.481	-0.752	0.000	1.366	-0.567	0.035	1.562	-1.709	0.069
1.165	-1.252	0.000	1.625	-1.780	0.035	1.405	-0.660	0.069
1.979	-2.217	0.000	2.039	-2.210	0.035	1.865	-2.124	0.069
1.898	-2.139	0.000	2.046	-2.014	0.035	2.059	-2.167	0.069
2.087	-2.182	0.000	1.894	-2.149	0.035	2.065	-2.149	0.069
2.057	-2.210	0.000	1.968	-2.219	0.035	1.986	-2.221	0.069
2.103	-2.145	0.000	2.059	-2.045	0.035	1.920	-2.200	0.069
1.934	-2.187	0.000	2.068	-2.184	0.035	2.049	-2.185	0.069
1.906	-1.636	0.000	1.724	-1.910	0.035	1.851	-2.103	0.069
2.005	-2.222	0.000	1.922	-2.187	0.035	2.026	-2.016	0.069
1.881	-2.113	0.000	1.866	-2.108	0.035	2.039	-2.048	0.069
2.097	-2.164	0.000	2.082	-2.107	0.035	1.951	-2.218	0.069
2.105	-2.124	0.000	1.880	-2.128	0.035	1.935	-2.211	0.069
2.078	-2.042	0.000	1.666	-1.144	0.035	2.062	-2.109	0.069
1.916	-2.164	0.000	1.986	-2.222	0.035	1.866	-1.628	0.069
1.718	-1.220	0.000	1.770	-1.368	0.035	1.710	-1.904	0.069
1.997	-1.851	0.000	2.033	-1.982	0.035	2.066	-2.129	0.069
2.102	-2.104	0.000	2.072	-2.077	0.035	1.968	-2.221	0.069
2.073	-2.198	0.000	1.908	-2.169	0.035	1.963	-1.860	0.069
1.835	-2.047	0.000	1.820	-1.479	0.035	2.014	-1.985	0.069
2.040	-2.217	0.000	1.880	-1.617	0.035	1.742	-1.345	0.069
2.051	-1.979	0.000	2.085	-2.127	0.035	1.879	-2.144	0.069
2.065	-2.010	0.000	2.084	-2.147	0.035	1.906	-2.184	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.834	-1.471	0.000	1.928	-1.730	0.035	1.892	-2.164	0.069
1.877	-1.570	0.000	1.937	-2.203	0.035	1.652	-1.150	0.069
2.023	-2.221	0.000	1.707	-1.231	0.035	1.781	-2.003	0.069
1.955	-2.205	0.000	2.078	-2.166	0.035	1.694	-1.239	0.069
1.637	-1.789	0.000	2.022	-2.218	0.035	2.052	-2.079	0.069
1.787	-1.981	0.000	2.004	-2.221	0.035	1.645	-1.817	0.069
1.738	-1.916	0.000	2.054	-2.199	0.035	2.003	-2.218	0.069
1.772	-1.336	0.000	1.820	-2.041	0.035	2.036	-2.200	0.069
2.092	-2.073	0.000	1.772	-1.975	0.035	1.911	-1.735	0.069
1.673	-1.126	0.000	1.952	-2.212	0.035	1.805	-1.486	0.069
1.944	-1.724	0.000	1.981	-1.856	0.035	2.020	-2.211	0.069
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.155	1.149	0.103	-1.635	0.334	0.138	-1.304	1.060	0.172
-1.506	0.244	0.103	-1.662	0.566	0.138	-1.485	0.320	0.172
-1.221	1.106	0.103	-1.679	0.503	0.138	-1.671	0.453	0.172
-1.698	0.400	0.103	-1.653	0.349	0.138	-1.418	0.957	0.172
-1.503	0.836	0.103	-1.324	1.033	0.138	-1.665	0.429	0.172
-0.792	1.289	0.103	-1.668	0.368	0.138	-1.623	0.373	0.172
-1.649	0.594	0.103	-1.686	0.439	0.138	-1.641	0.388	0.172
-1.094	0.178	0.103	-1.435	0.926	0.138	-1.659	0.573	0.172
-1.579	0.263	0.103	-1.459	0.273	0.138	-1.622	0.668	0.172
-1.618	0.658	0.103	-1.683	0.414	0.138	-1.592	0.355	0.172
-1.453	0.896	0.103	-1.569	0.302	0.138	-1.553	0.789	0.172
-1.015	1.222	0.103	-1.422	0.266	0.138	-1.322	0.287	0.172
-1.583	0.719	0.103	-1.678	0.390	0.138	-1.522	0.329	0.172
-1.432	0.230	0.103	-1.604	0.694	0.138	-1.667	0.541	0.172
-1.343	0.215	0.103	-1.333	0.250	0.138	-1.513	0.846	0.172
-1.469	0.237	0.103	-1.684	0.471	0.138	-1.655	0.407	0.172
-0.814	0.122	0.103	-1.264	1.082	0.138	-1.469	0.900	0.172
-1.086	1.188	0.103	-1.636	0.631	0.138	-1.411	0.304	0.172
-1.543	0.253	0.103	-1.603	0.316	0.138	-1.672	0.510	0.172
-1.664	0.310	0.103	-1.486	0.868	0.138	-1.558	0.341	0.172
-1.400	0.953	0.103	-1.568	0.754	0.138	-1.673	0.478	0.172
-1.344	1.007	0.103	-1.529	0.812	0.138	-1.448	0.312	0.172
-1.614	0.277	0.103	-1.496	0.282	0.138	-1.590	0.730	0.172
-0.867	1.273	0.103	-1.533	0.291	0.138	-1.649	0.604	0.172
-1.689	0.350	0.103	-1.381	0.982	0.138	-1.363	1.010	0.172
-1.675	0.528	0.103	-1.671	0.535	0.138	-0.893	1.271	0.172
-1.679	0.328	0.103	-0.917	1.260	0.138	-0.916	0.211	0.172
-0.942	1.251	0.103	-1.132	1.168	0.138	-1.243	1.106	0.172
-1.285	1.058	0.103	-1.244	0.236	0.138	-1.178	1.149	0.172
-1.697	0.432	0.103	-0.842	1.279	0.138	-0.796	0.182	0.172
-1.545	0.779	0.103	-0.926	0.179	0.138	-1.040	1.220	0.172
-0.934	0.149	0.103	-0.806	0.151	0.138	-1.074	0.244	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.695	0.374	0.103	-1.062	1.204	0.138	-0.819	1.287	0.172
-1.692	0.465	0.103	-0.991	1.234	0.138	-1.234	0.272	0.172
-1.253	0.202	0.103	-1.085	0.210	0.138	-1.110	1.187	0.172
-1.646	0.295	0.103	-1.199	1.127	0.138	-0.968	1.248	0.172
-1.684	0.497	0.103	-0.380	1.269	0.138	-0.125	-0.090	0.172
-0.029	1.122	0.103	-0.767	1.292	0.138	-0.591	1.302	0.172
-0.402	1.277	0.103	-0.082	1.150	0.138	-0.436	1.282	0.172
-0.250	1.231	0.103	-0.155	1.187	0.138	-0.678	0.148	0.172
-0.350	-0.031	0.103	-0.535	1.296	0.138	-0.562	0.110	0.172
-0.578	0.055	0.103	-0.028	-0.172	0.138	-0.513	1.295	0.172
-0.136	-0.135	0.103	0.073	-0.236	0.138	-0.448	0.067	0.172
-0.325	1.257	0.103	-0.236	-0.057	0.138	0.054	1.067	0.172
-0.637	1.303	0.103	-0.230	1.220	0.138	0.137	1.008	0.172
-0.100	1.163	0.103	-0.131	-0.112	0.138	-0.212	1.212	0.172
-0.174	1.199	0.103	-0.690	1.300	0.138	-0.031	1.121	0.172
0.041	1.078	0.103	-0.457	1.285	0.138	-0.023	-0.151	0.172
0.069	-0.256	0.103	-0.687	0.119	0.138	-0.360	1.264	0.172
-0.715	1.299	0.103	0.124	1.018	0.138	-0.230	-0.034	0.172
-0.695	0.091	0.103	-0.456	0.040	0.138	0.076	-0.217	0.172
-0.463	0.014	0.103	-0.613	1.301	0.138	-0.667	1.303	0.172
0.109	1.031	0.103	-0.570	0.082	0.138	-0.120	1.170	0.172
-0.242	-0.081	0.103	-0.304	1.247	0.138	-0.337	0.019	0.172
-0.558	1.301	0.103	-0.012	1.110	0.138	-0.285	1.240	0.172
-0.480	1.292	0.103	-0.344	-0.006	0.138	-0.743	1.298	0.172
-0.032	-0.193	0.103	0.057	1.065	0.138	0.994	-1.058	0.172
1.101	-0.149	0.103	1.134	-1.209	0.138	0.625	-0.674	0.172
0.525	-0.602	0.103	1.010	-0.015	0.138	0.726	0.393	0.172
0.715	0.415	0.103	0.415	-0.494	0.138	1.095	-0.169	0.172
1.012	-1.071	0.103	0.505	0.665	0.138	1.122	-1.205	0.172
0.633	-0.697	0.103	0.524	-0.588	0.138	0.513	0.655	0.172
0.877	-0.931	0.103	0.870	-0.921	0.138	0.192	-0.300	0.172
0.303	-0.421	0.103	0.190	-0.317	0.138	0.305	-0.388	0.172
0.818	0.278	0.103	0.721	0.403	0.138	0.727	-0.774	0.172
1.010	-0.004	0.103	0.361	0.815	0.138	0.371	0.805	0.172
0.424	0.753	0.103	0.918	0.127	0.138	0.824	0.257	0.172
0.415	-0.510	0.103	1.099	-0.160	0.138	0.862	-0.914	0.172
0.272	0.898	0.103	0.304	-0.404	0.138	0.218	0.944	0.172
0.738	-0.794	0.103	0.434	0.741	0.138	0.295	0.876	0.172
0.608	0.548	0.103	0.206	0.954	0.138	0.918	0.117	0.172
0.916	0.138	0.103	0.629	-0.684	0.138	1.009	-0.025	0.172
0.496	0.676	0.103	0.822	0.267	0.138	0.443	0.731	0.172
1.144	-1.216	0.103	0.733	-0.783	0.138	0.521	-0.576	0.172
0.188	-0.336	0.103	1.004	-1.063	0.138	0.622	0.526	0.172
0.349	0.827	0.103	0.616	0.536	0.138	0.414	-0.480	0.172
0.192	0.966	0.103	0.285	0.886	0.138	1.538	-1.020	0.172
1.390	-0.657	0.103	1.241	-0.406	0.138	1.247	-1.355	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.680	-1.247	0.103	1.384	-1.508	0.138	1.518	-1.699	0.172
1.742	-1.386	0.103	1.453	-1.595	0.138	1.587	-1.127	0.172
1.890	-2.180	0.103	1.185	-0.306	0.138	1.424	-0.782	0.172
1.918	-2.209	0.103	1.436	-0.774	0.138	1.179	-0.316	0.172
2.046	-2.149	0.103	1.495	-0.894	0.138	1.313	-1.437	0.172
1.846	-1.626	0.103	1.609	-1.132	0.138	1.254	-0.453	0.172
1.849	-2.120	0.103	1.534	-1.701	0.138	1.369	-1.506	0.172
1.904	-2.198	0.103	1.384	-0.672	0.138	1.443	-1.602	0.172
1.463	-1.594	0.103	1.614	-1.807	0.138	1.487	-0.913	0.172
1.968	-2.221	0.103	1.552	-1.013	0.138	1.358	-0.652	0.172
1.933	-2.216	0.103	1.260	-1.358	0.138	1.179	-1.273	0.172
1.397	-1.513	0.103	1.313	-0.539	0.138	1.304	-0.547	0.172
2.042	-2.110	0.103	1.854	-2.147	0.138	1.592	-1.797	0.172
1.893	-1.739	0.103	1.968	-2.219	0.138	2.004	-2.169	0.172
1.272	-1.363	0.103	1.950	-2.222	0.138	2.001	-2.112	0.172
1.863	-2.140	0.103	1.837	-2.121	0.138	1.735	-1.994	0.172
1.446	-0.765	0.103	2.027	-2.150	0.138	1.647	-1.260	0.172
2.041	-2.168	0.103	1.933	-2.220	0.138	1.774	-2.049	0.172
1.549	-1.704	0.103	1.715	-1.369	0.138	1.706	-1.393	0.172
1.994	-1.986	0.103	1.771	-1.497	0.138	1.873	-2.193	0.172
1.950	-2.221	0.103	1.751	-1.996	0.138	2.006	-2.131	0.172
1.986	-2.218	0.103	1.948	-1.924	0.138	1.900	-2.215	0.172
1.877	-2.160	0.103	1.902	-2.207	0.138	1.886	-2.205	0.172
2.018	-2.200	0.103	1.916	-2.216	0.138	1.983	-2.202	0.172
1.695	-1.900	0.103	2.022	-2.168	0.138	1.916	-2.220	0.172
1.630	-1.140	0.103	2.000	-2.201	0.138	1.967	-2.213	0.172
2.006	-2.018	0.103	1.664	-1.254	0.138	1.664	-1.895	0.172
1.267	-0.431	0.103	2.021	-2.111	0.138	1.803	-1.619	0.172
2.046	-2.130	0.103	1.826	-1.625	0.138	1.995	-2.187	0.172
1.633	-1.815	0.103	2.011	-2.081	0.138	1.951	-2.219	0.172
1.789	-1.492	0.103	1.871	-2.172	0.138	1.839	-2.144	0.172
1.836	-2.099	0.103	2.013	-2.186	0.138	1.753	-1.502	0.172
1.566	-1.005	0.103	1.974	-1.988	0.138	1.985	-2.072	0.172
2.002	-2.211	0.103	1.680	-1.897	0.138	1.905	-1.867	0.172
1.321	-0.529	0.103	1.998	-2.050	0.138	1.855	-1.745	0.172
2.031	-2.185	0.103	1.820	-2.096	0.138	2.007	-2.150	0.172
1.944	-1.863	0.103	2.026	-2.131	0.138	1.822	-2.119	0.172
2.032	-2.080	0.103	1.925	-1.865	0.138	1.933	-2.222	0.172
1.510	-0.891	0.103	1.985	-2.212	0.138	1.969	-2.031	0.172
1.766	-1.999	0.103	1.986	-2.019	0.138	1.804	-2.093	0.172
1.189	-0.296	0.103	1.888	-2.195	0.138	1.856	-2.169	0.172
2.019	-2.049	0.103	1.874	-1.742	0.138	1.953	-1.990	0.172
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.659	0.547	0.207	-1.574	0.781	0.241	-1.459	0.954	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.345	1.039	0.207	-1.597	0.450	0.241	-1.420	0.996	0.276
-1.398	0.343	0.207	-1.532	0.419	0.241	-1.560	0.816	0.276
-1.453	0.932	0.207	-1.634	0.647	0.241	-1.557	0.473	0.276
-1.472	0.360	0.207	-1.566	0.432	0.241	-1.633	0.567	0.276
-1.435	0.351	0.207	-1.615	0.465	0.241	-1.611	0.715	0.276
-1.525	0.842	0.207	-1.601	0.730	0.241	-1.529	0.864	0.276
-1.614	0.694	0.207	-1.267	1.114	0.241	-1.634	0.622	0.276
-1.545	0.380	0.207	-1.459	0.400	0.241	-1.528	0.461	0.276
-1.579	0.393	0.207	-1.646	0.529	0.241	-1.371	0.425	0.276
-1.310	0.326	0.207	-1.639	0.506	0.241	-1.588	0.767	0.276
-1.653	0.467	0.207	-1.208	0.350	0.241	-1.366	1.048	0.276
-1.401	0.987	0.207	-0.774	0.249	0.241	-1.498	0.452	0.276
-1.646	0.610	0.207	0.160	0.993	0.241	-1.402	0.431	0.276
-1.658	0.491	0.207	0.080	1.053	0.241	-1.616	0.522	0.276
-1.628	0.427	0.207	-0.624	1.316	0.241	-1.601	0.504	0.276
-1.661	0.516	0.207	-0.114	-0.048	0.241	-1.308	1.097	0.276
-1.643	0.446	0.207	-0.658	0.211	0.241	-1.635	0.591	0.276
-1.588	0.745	0.207	-0.699	1.316	0.241	-1.466	0.445	0.276
-1.610	0.412	0.207	-0.091	1.160	0.241	-1.626	0.544	0.276
-1.558	0.795	0.207	-1.437	0.964	0.241	-1.434	0.438	0.276
-1.490	0.888	0.207	0.083	-0.183	0.241	-1.621	0.684	0.276
-1.285	1.087	0.207	-0.398	1.283	0.241	-1.584	0.489	0.276
-1.509	0.369	0.207	-0.543	0.169	0.241	-1.495	0.910	0.276
-1.654	0.579	0.207	-0.849	1.298	0.241	-1.629	0.654	0.276
-1.636	0.641	0.207	-1.383	1.018	0.241	-1.247	1.141	0.276
-1.221	0.310	0.207	-0.996	1.257	0.241	-0.984	0.346	0.276
-1.157	1.171	0.207	-1.068	1.228	0.241	-0.880	0.320	0.276
-0.871	1.284	0.207	-0.217	0.013	0.241	-1.116	1.218	0.276
-1.063	0.280	0.207	-1.137	1.195	0.241	-0.975	1.276	0.276
-0.905	0.245	0.207	-1.296	0.366	0.241	-1.184	1.181	0.276
-0.786	0.214	0.207	-1.384	0.384	0.241	-1.046	1.250	0.276
-1.018	1.238	0.207	-1.421	0.392	0.241	-1.089	0.370	0.276
-1.223	1.131	0.207	-0.431	0.122	0.241	-0.827	1.313	0.276
-0.945	1.264	0.207	-1.327	1.068	0.241	-1.194	0.391	0.276
-0.796	1.298	0.207	-0.180	1.205	0.241	-0.901	1.297	0.276
-1.089	1.207	0.207	-0.015	-0.113	0.241	-0.752	1.322	0.276
0.067	1.059	0.207	-0.473	1.300	0.241	-0.379	1.286	0.276
-0.416	1.282	0.207	-1.629	0.484	0.241	-0.314	0.097	0.276
-0.668	0.179	0.207	-1.647	0.585	0.241	-0.763	0.285	0.276
-0.019	-0.132	0.207	-0.324	1.262	0.241	-0.010	-0.094	0.276
-0.017	1.114	0.207	-0.893	0.281	0.241	0.091	1.047	0.276
-0.569	1.305	0.207	-0.774	1.310	0.241	-0.306	1.262	0.276
-0.329	0.044	0.207	-1.642	0.616	0.241	-0.210	0.038	0.276
-0.105	1.164	0.207	-1.544	0.830	0.241	-0.453	1.304	0.276
-0.553	0.139	0.207	-1.648	0.554	0.241	-0.602	1.324	0.276
-0.341	1.262	0.207	-0.251	1.236	0.241	-0.077	1.156	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.440	0.094	0.207	-0.322	0.069	0.241	-0.533	0.201	0.276
0.149	1.000	0.207	-1.204	1.156	0.241	-0.165	1.203	0.276
-0.223	-0.010	0.207	-1.496	0.409	0.241	-0.235	1.235	0.276
-0.196	1.208	0.207	-1.475	0.921	0.241	-0.647	0.246	0.276
-0.268	1.237	0.207	-0.548	1.311	0.241	0.009	1.104	0.276
0.080	-0.200	0.207	-1.624	0.678	0.241	-0.422	0.152	0.276
-0.645	1.308	0.207	-1.050	0.318	0.241	-0.109	-0.026	0.276
-0.721	1.306	0.207	-0.923	1.280	0.241	-0.677	1.326	0.276
-0.120	-0.069	0.207	-1.511	0.876	0.241	0.171	0.986	0.276
-0.492	1.296	0.207	-0.004	1.109	0.241	0.086	-0.166	0.276
0.518	-0.566	0.207	1.035	-1.135	0.241	-0.528	1.317	0.276
0.720	-0.767	0.207	1.092	-1.204	0.241	1.076	-0.198	0.276
1.044	-1.128	0.207	0.258	0.911	0.241	0.509	-0.548	0.276
0.413	-0.469	0.207	0.730	0.375	0.241	0.730	0.365	0.276
0.627	0.517	0.207	0.824	0.238	0.241	0.359	0.816	0.276
0.194	-0.285	0.207	0.842	-0.907	0.241	0.911	0.088	0.276
1.090	-0.179	0.207	0.614	-0.658	0.241	0.529	0.627	0.276
0.982	-1.056	0.207	0.525	0.637	0.241	0.267	0.903	0.276
0.620	-0.665	0.207	1.153	-1.279	0.241	0.822	0.228	0.276
0.919	-0.983	0.207	1.163	-0.334	0.241	0.408	-0.447	0.276
1.108	-1.204	0.207	1.484	-1.700	0.241	0.995	-0.054	0.276
0.520	0.646	0.207	1.506	-1.035	0.241	0.703	-0.758	0.276
0.305	-0.375	0.207	1.899	-2.223	0.241	1.029	-1.147	0.276
0.825	0.247	0.207	1.933	-2.215	0.241	0.830	-0.905	0.276
0.433	0.741	0.207	1.882	-2.221	0.241	0.607	-0.652	0.276
0.343	0.832	0.207	1.864	-1.874	0.241	0.304	-0.350	0.276
0.248	0.919	0.207	1.701	-1.992	0.241	0.878	-0.962	0.276
0.853	-0.910	0.207	1.969	-2.153	0.241	1.076	-1.205	0.276
1.005	-0.034	0.207	1.768	-1.639	0.241	0.197	-0.255	0.276
0.917	0.108	0.207	1.867	-2.214	0.241	1.124	-1.266	0.276
0.728	0.384	0.207	1.772	-2.091	0.241	0.954	-1.054	0.276
1.164	-1.272	0.207	1.567	-1.171	0.241	0.632	0.498	0.276
1.522	-1.027	0.207	1.349	-0.699	0.241	0.446	0.723	0.276
1.411	-0.791	0.207	0.630	0.508	0.241	1.490	-1.043	0.276
1.584	-1.809	0.207	1.853	-2.204	0.241	1.197	-1.357	0.276
1.231	-1.354	0.207	1.815	-1.753	0.241	1.314	-0.663	0.276
1.298	-1.438	0.207	1.841	-2.190	0.241	1.317	-1.510	0.276
1.450	-0.874	0.207	1.796	-2.125	0.241	1.382	-1.594	0.276
1.231	-0.436	0.207	1.912	-1.995	0.241	1.382	-0.808	0.276
1.353	-1.507	0.207	0.351	0.824	0.241	1.154	-0.344	0.276
1.355	-0.677	0.207	1.084	-0.188	0.241	1.229	-0.490	0.276
1.417	-1.590	0.207	1.966	-2.134	0.241	1.271	-0.575	0.276
1.592	-1.182	0.207	1.283	-0.565	0.241	1.541	-1.159	0.276
1.172	-0.325	0.207	0.968	-1.055	0.241	1.548	-1.811	0.276
1.501	-1.699	0.207	1.947	-2.204	0.241	1.450	-0.954	0.276
1.294	-0.556	0.207	0.915	0.098	0.241	1.465	-1.702	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.789	-2.092	0.207	1.629	-1.894	0.241	1.269	-1.449	0.276
1.647	-1.894	0.207	1.335	-1.508	0.241	1.899	-2.223	0.276
1.884	-1.870	0.207	0.305	-0.362	0.241	1.756	-2.091	0.276
1.870	-2.204	0.207	1.959	-2.189	0.241	1.779	-2.124	0.276
1.835	-1.749	0.207	0.900	-0.975	0.241	1.825	-2.190	0.276
1.899	-2.221	0.207	1.215	-0.433	0.241	1.915	-2.217	0.276
1.933	-1.992	0.207	1.275	-1.432	0.241	1.646	-1.402	0.276
1.985	-2.170	0.207	1.612	-1.273	0.241	1.882	-2.225	0.276
1.734	-1.507	0.207	1.397	-0.799	0.241	1.594	-1.280	0.276
1.988	-2.152	0.207	1.936	-2.055	0.241	1.929	-2.206	0.276
1.965	-2.203	0.207	1.214	-1.356	0.241	1.892	-1.998	0.276
1.630	-1.266	0.207	0.196	-0.270	0.241	1.611	-1.895	0.276
1.916	-2.222	0.207	1.444	-0.900	0.241	1.946	-2.137	0.276
1.933	-2.220	0.207	1.819	-2.158	0.241	1.865	-2.222	0.276
1.812	-2.126	0.207	1.715	-1.512	0.241	1.940	-2.191	0.276
1.835	-2.159	0.207	1.398	-1.589	0.241	1.743	-1.630	0.276
1.950	-2.214	0.207	0.514	-0.557	0.241	1.947	-2.174	0.276
1.949	-2.033	0.207	1.737	-2.041	0.241	1.844	-1.878	0.276
1.857	-2.191	0.207	1.661	-1.386	0.241	1.795	-1.758	0.276
1.883	-2.214	0.207	0.440	0.732	0.241	1.837	-2.204	0.276
1.718	-1.993	0.207	0.712	-0.762	0.241	1.696	-1.518	0.276
1.964	-2.073	0.207	1.960	-2.115	0.241	1.915	-2.058	0.276
1.798	-1.658	0.207	1.916	-2.221	0.241	1.949	-2.156	0.276
1.980	-2.113	0.207	1.001	-0.044	0.241	1.684	-1.993	0.276
1.669	-1.356	0.207	1.966	-2.172	0.241	1.939	-2.118	0.276
1.986	-2.133	0.207	0.411	-0.458	0.241	1.802	-2.157	0.276
1.977	-2.188	0.207	1.569	-1.813	0.241	1.850	-2.215	0.276
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.603	0.561	0.310	-1.602	0.729	0.345	-1.566	0.827	0.379
-1.571	0.527	0.310	-1.505	0.539	0.345	-1.362	1.090	0.379
-1.347	1.078	0.310	-1.327	1.108	0.345	-1.594	0.738	0.379
-1.545	0.512	0.310	-1.268	1.153	0.345	-1.578	0.798	0.379
-1.227	1.168	0.310	-1.592	0.600	0.345	-1.581	0.640	0.379
-1.454	0.484	0.310	-1.411	0.517	0.345	-1.441	1.011	0.379
-1.390	0.471	0.310	-1.496	0.933	0.345	-1.402	0.554	0.379
-1.589	0.543	0.310	-1.578	0.582	0.345	-1.305	1.137	0.379
-1.597	0.752	0.310	-1.534	0.551	0.345	-1.370	0.549	0.379
-1.623	0.630	0.310	-1.558	0.839	0.345	-1.541	0.876	0.379
-1.485	0.492	0.310	-1.460	0.977	0.345	-1.249	0.531	0.379
-1.621	0.660	0.310	-1.610	0.668	0.345	-1.511	0.923	0.379
-1.614	0.582	0.310	-1.528	0.888	0.345	-1.588	0.768	0.379
-1.441	0.987	0.310	-1.347	0.505	0.345	-1.403	1.051	0.379
-1.516	0.500	0.310	-1.602	0.621	0.345	-1.595	0.684	0.379
-1.620	0.605	0.310	-1.608	0.644	0.345	-1.434	0.561	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.422	0.478	0.310	-1.608	0.699	0.345	-1.477	0.968	0.379
-1.402	1.027	0.310	-1.383	1.059	0.345	-1.245	1.180	0.379
-1.289	1.125	0.310	-1.593	0.759	0.345	-1.567	0.621	0.379
-1.616	0.691	0.310	-1.582	0.789	0.345	-1.525	0.589	0.379
-1.513	0.899	0.310	-1.423	1.019	0.345	-1.597	0.708	0.379
-1.478	0.944	0.310	-1.443	0.523	0.345	-1.496	0.577	0.379
-1.545	0.852	0.310	-1.379	0.511	0.345	-1.338	0.544	0.379
-1.274	0.450	0.310	-1.475	0.530	0.345	-1.466	0.568	0.379
-1.608	0.722	0.310	-1.560	0.566	0.345	-1.590	0.661	0.379
-1.358	0.465	0.310	-0.856	0.405	0.345	-1.551	0.606	0.379
-1.573	0.803	0.310	-1.141	1.230	0.345	-1.117	1.253	0.379
-1.163	1.206	0.310	-1.170	0.476	0.345	-0.905	1.328	0.379
-1.024	1.270	0.310	-0.960	0.432	0.345	-1.183	1.219	0.379
-1.095	1.241	0.310	-1.205	1.194	0.345	-0.844	0.451	0.379
-0.879	1.314	0.310	-1.072	1.262	0.345	-1.054	0.501	0.379
-0.804	1.327	0.310	-1.065	0.456	0.345	-0.832	1.342	0.379
-1.076	0.412	0.310	-0.781	1.339	0.345	-1.160	0.519	0.379
-1.182	0.433	0.310	-0.856	1.329	0.345	-0.978	1.308	0.379
-0.972	0.388	0.310	-0.929	1.312	0.345	-1.048	1.283	0.379
-0.952	1.295	0.310	-1.002	1.290	0.345	-0.949	0.478	0.379
-0.868	0.361	0.310	-0.413	1.309	0.345	0.002	-0.022	0.379
0.021	1.098	0.310	-0.625	0.324	0.345	-0.502	0.315	0.379
-0.289	1.262	0.310	-0.201	1.230	0.345	-0.092	0.054	0.379
-0.360	1.287	0.310	-0.270	1.260	0.345	0.123	1.021	0.379
-0.103	-0.002	0.310	-0.486	1.326	0.345	-0.252	1.256	0.379
0.088	-0.147	0.310	-0.049	1.145	0.345	-0.611	1.350	0.379
-0.523	0.236	0.310	-0.560	1.337	0.345	-0.758	1.350	0.379
-0.219	1.233	0.310	0.113	1.031	0.345	-0.728	0.412	0.379
-0.656	1.336	0.310	-0.134	1.195	0.345	-0.321	1.285	0.379
-0.751	0.325	0.310	-0.633	1.344	0.345	-0.184	1.224	0.379
-0.433	1.307	0.310	-0.196	0.094	0.345	-0.117	1.188	0.379
-0.203	0.064	0.310	0.090	-0.125	0.345	-0.034	1.137	0.379
0.180	0.978	0.310	-0.513	0.275	0.345	-0.392	1.309	0.379
-0.636	0.283	0.310	-0.002	-0.048	0.345	-0.537	1.341	0.379
-0.306	0.126	0.310	-0.707	1.344	0.345	-0.684	1.353	0.379
-0.581	1.332	0.310	0.033	1.090	0.345	-0.189	0.126	0.379
-0.413	0.184	0.310	-0.341	1.287	0.345	-0.394	0.257	0.379
-0.730	1.334	0.310	-0.098	0.025	0.345	-0.613	0.367	0.379
-0.150	1.200	0.310	-0.297	0.159	0.345	-0.289	0.194	0.379
-0.507	1.322	0.310	-0.404	0.219	0.345	-0.465	1.328	0.379
0.102	1.040	0.310	-0.739	0.367	0.345	0.046	1.081	0.379
-0.063	1.152	0.310	0.834	-0.934	0.345	0.092	-0.101	0.379
-0.006	-0.072	0.310	0.920	-1.044	0.345	0.489	-0.514	0.379
0.940	-1.054	0.310	1.132	-1.319	0.345	0.971	-0.092	0.379
1.068	-0.209	0.310	1.133	-0.367	0.345	0.739	-0.821	0.379
0.404	-0.436	0.310	0.197	-0.221	0.345	1.036	-1.211	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.197	-0.239	0.310	0.983	-1.126	0.345	0.297	-0.302	0.379
0.633	0.487	0.310	0.453	0.702	0.345	0.902	-1.034	0.379
0.999	-1.129	0.310	0.980	-0.078	0.345	0.630	0.460	0.379
0.365	0.806	0.310	0.682	-0.745	0.345	0.671	-0.735	0.379
0.599	-0.645	0.310	1.058	-0.222	0.345	0.197	-0.200	0.379
1.144	-0.355	0.310	0.189	0.969	0.345	0.373	0.782	0.379
0.503	-0.539	0.310	0.815	0.204	0.345	1.115	-1.316	0.379
0.450	0.713	0.310	0.369	0.795	0.345	0.197	0.957	0.379
0.754	-0.825	0.310	0.726	0.341	0.345	1.121	-0.381	0.379
0.532	0.617	0.310	0.632	0.475	0.345	0.892	0.049	0.379
0.275	0.894	0.310	0.300	-0.320	0.345	0.455	0.688	0.379
0.819	0.217	0.310	0.533	0.605	0.345	0.809	0.189	0.379
1.068	-1.216	0.310	0.400	-0.422	0.345	0.581	-0.624	0.379
0.988	-0.065	0.310	0.281	0.884	0.345	0.968	-1.121	0.379
0.302	-0.336	0.310	0.899	0.064	0.345	0.821	-0.927	0.379
0.728	0.354	0.310	0.748	-0.825	0.345	0.395	-0.407	0.379
0.906	0.077	0.310	1.047	-1.208	0.345	0.533	0.590	0.379
0.693	-0.752	0.310	0.496	-0.528	0.345	1.047	-0.236	0.379
0.848	-0.939	0.310	0.590	-0.635	0.345	0.722	0.326	0.379
1.149	-1.320	0.310	1.313	-0.742	0.345	0.287	0.872	0.379
1.299	-1.512	0.310	1.429	-1.704	0.345	1.497	-1.203	0.379
1.368	-0.818	0.310	1.281	-1.512	0.345	1.383	-0.940	0.379
1.447	-1.704	0.310	1.349	-1.601	0.345	1.541	-1.304	0.379
1.473	-1.052	0.310	1.457	-1.061	0.345	1.342	-1.614	0.379
1.534	-1.818	0.310	1.508	-1.808	0.345	1.440	-1.071	0.379
1.319	-0.714	0.310	1.558	-1.296	0.345	1.337	-0.840	0.379
1.359	-1.590	0.310	1.245	-0.596	0.345	1.172	-0.485	0.379
1.195	-0.457	0.310	1.513	-1.190	0.345	1.479	-1.795	0.379
1.230	-1.424	0.310	1.217	-1.430	0.345	1.231	-0.609	0.379
1.532	-1.185	0.310	1.175	-0.452	0.345	1.263	-1.510	0.379
1.414	-0.919	0.310	1.353	-0.828	0.345	1.195	-1.421	0.379
1.258	-0.585	0.310	1.400	-0.933	0.345	1.289	-0.734	0.379
1.739	-2.092	0.310	1.721	-2.093	0.345	1.556	-1.898	0.379
1.895	-2.061	0.310	1.899	-2.124	0.345	1.411	-1.704	0.379
1.930	-2.158	0.310	1.903	-2.196	0.345	1.702	-2.095	0.379
1.677	-1.525	0.310	1.829	-2.226	0.345	1.873	-2.214	0.379
1.919	-2.120	0.310	1.875	-2.064	0.345	1.810	-2.229	0.379
1.928	-2.177	0.310	1.794	-1.862	0.345	1.827	-2.232	0.379
1.666	-1.994	0.310	1.906	-2.143	0.345	1.891	-2.165	0.379
1.819	-2.205	0.310	1.846	-2.229	0.345	1.855	-2.068	0.379
1.824	-1.882	0.310	1.658	-1.531	0.345	1.587	-1.413	0.379
1.881	-2.225	0.310	1.878	-2.221	0.345	1.640	-1.539	0.379
1.926	-2.140	0.310	1.851	-2.005	0.345	1.782	-2.209	0.379
1.775	-1.763	0.310	1.790	-2.192	0.345	1.737	-1.774	0.379
1.593	-1.896	0.310	1.826	-1.943	0.345	1.726	-2.128	0.379
1.897	-2.219	0.310	1.814	-2.218	0.345	1.832	-2.009	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.615	-1.378	0.310	1.910	-2.161	0.345	1.859	-2.225	0.379
1.911	-2.208	0.310	1.862	-2.227	0.345	1.890	-2.183	0.379
1.871	-2.001	0.310	1.714	-1.666	0.345	1.795	-2.221	0.379
1.848	-2.224	0.310	1.768	-2.159	0.345	1.843	-2.231	0.379
1.864	-2.226	0.310	1.575	-1.897	0.345	1.629	-1.996	0.379
1.786	-2.158	0.310	1.601	-1.397	0.345	1.884	-2.200	0.379
1.762	-2.125	0.310	1.756	-1.768	0.345	1.887	-2.146	0.379
1.922	-2.194	0.310	1.801	-2.207	0.345	1.749	-2.161	0.379
1.832	-2.216	0.310	1.909	-2.180	0.345	1.771	-2.194	0.379
1.738	-1.672	0.310	1.892	-2.211	0.345	1.879	-2.128	0.379
1.576	-1.288	0.310	1.745	-2.126	0.345	1.785	-1.892	0.379
1.808	-2.190	0.310	1.648	-1.995	0.345	1.692	-1.664	0.379
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.382	1.084	0.414	-1.550	0.701	0.448	-1.559	0.829	0.483
-1.580	0.778	0.414	-1.572	0.765	0.448	-1.481	0.998	0.483
-1.542	0.645	0.414	-1.398	0.630	0.448	-1.297	1.184	0.483
-1.573	0.807	0.414	-1.435	0.638	0.448	-1.348	1.143	0.483
-1.584	0.724	0.414	-1.260	1.195	0.448	-1.354	0.661	0.483
-1.283	1.166	0.414	-1.558	0.847	0.448	-1.238	1.225	0.483
-1.488	0.615	0.414	-1.566	0.818	0.448	-1.396	1.098	0.483
-1.458	0.605	0.414	-1.473	0.996	0.448	-1.552	0.859	0.483
-1.222	1.207	0.414	-1.534	0.685	0.448	-1.558	0.783	0.483
-1.516	0.628	0.414	-1.400	1.078	0.448	-1.316	0.657	0.483
-1.579	0.701	0.414	-1.569	0.742	0.448	-1.391	0.666	0.483
-1.362	0.586	0.414	-1.318	1.152	0.448	-1.441	1.050	0.483
-1.562	0.837	0.414	-1.323	0.620	0.448	-1.516	0.943	0.483
-1.241	0.572	0.414	-1.571	0.788	0.448	-1.464	0.687	0.483
-1.340	1.120	0.414	-1.533	0.904	0.448	-1.497	0.704	0.483
-1.550	0.865	0.414	-1.505	0.951	0.448	-1.552	0.761	0.483
-1.330	0.582	0.414	-1.438	1.038	0.448	-1.543	0.888	0.483
-1.458	1.003	0.414	-1.471	0.649	0.448	-1.541	0.742	0.483
-1.394	0.591	0.414	-1.232	0.612	0.448	-1.428	0.675	0.483
-1.492	0.959	0.414	-1.546	0.876	0.448	-1.526	0.726	0.483
-1.426	0.598	0.414	-1.562	0.720	0.448	-1.560	0.806	0.483
-1.584	0.748	0.414	-1.504	0.665	0.448	-1.224	0.653	0.483
-1.571	0.680	0.414	-1.361	0.624	0.448	-1.531	0.916	0.483
-1.421	1.044	0.414	-1.360	1.116	0.448	-0.887	0.617	0.483
-1.523	0.913	0.414	-1.134	1.268	0.448	-0.829	1.371	0.483
-1.558	0.661	0.414	-0.820	0.547	0.448	-1.110	1.294	0.483
-1.024	1.303	0.414	-0.854	1.357	0.448	-0.973	1.343	0.483
-1.159	1.243	0.414	-1.060	0.597	0.448	-1.132	0.648	0.483
-1.093	1.275	0.414	-0.899	0.568	0.448	-1.050	0.642	0.483
-1.151	0.562	0.414	-1.141	0.605	0.448	-0.807	0.597	0.483
-0.807	1.354	0.414	-0.927	1.342	0.448	-1.043	1.321	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.880	1.343	0.414	-1.198	1.234	0.448	-0.968	0.632	0.483
-1.043	0.547	0.414	-1.068	1.298	0.448	-1.175	1.262	0.483
-0.833	0.498	0.414	-0.998	1.323	0.448	-0.902	1.360	0.483
-0.953	1.325	0.414	-0.781	1.365	0.448	-0.073	1.159	0.483
-0.937	0.526	0.414	-0.979	0.585	0.448	0.006	1.102	0.483
-0.545	0.386	0.414	-0.442	0.382	0.448	-0.480	0.457	0.483
0.094	-0.075	0.414	-0.080	0.118	0.448	0.013	0.067	0.483
-0.733	1.360	0.414	0.071	1.054	0.448	-0.756	1.377	0.483
-0.587	1.354	0.414	-0.635	1.366	0.448	-0.313	1.292	0.483
-0.233	1.250	0.414	0.009	0.036	0.448	0.081	1.041	0.483
0.005	0.007	0.414	0.096	-0.049	0.448	0.153	0.976	0.483
0.058	1.069	0.414	-0.355	0.328	0.448	-0.682	1.377	0.483
0.132	1.008	0.414	-0.173	0.196	0.448	-0.559	0.499	0.483
-0.515	1.344	0.414	-0.563	1.357	0.448	-0.150	1.209	0.483
-0.086	0.086	0.414	-0.086	1.169	0.448	-0.722	0.569	0.483
-0.166	1.217	0.414	-0.626	0.476	0.448	-0.610	1.371	0.483
-0.279	0.231	0.414	0.144	0.991	0.448	-0.166	0.233	0.483
-0.443	1.328	0.414	-0.006	1.114	0.448	-0.639	0.536	0.483
-0.181	0.161	0.414	-0.532	0.432	0.448	-0.405	0.411	0.483
-0.735	0.466	0.414	-0.421	1.326	0.448	0.097	-0.021	0.483
-0.365	0.287	0.414	-0.491	1.344	0.448	-0.331	0.362	0.483
-0.660	1.360	0.414	-0.722	0.515	0.448	-0.260	0.309	0.483
-0.639	0.429	0.414	-0.165	1.217	0.448	-0.468	1.345	0.483
-0.101	1.179	0.414	-0.333	1.296	0.448	-0.539	1.360	0.483
-0.371	1.307	0.414	-0.270	0.270	0.448	-0.399	1.324	0.483
-0.301	1.281	0.414	-0.707	1.368	0.448	-0.075	0.151	0.483
-0.020	1.126	0.414	-0.248	1.260	0.448	-0.230	1.253	0.483
-0.454	0.339	0.414	0.439	-0.438	0.448	0.538	-0.558	0.483
0.717	0.309	0.414	0.546	-0.574	0.448	0.885	-1.037	0.483
0.884	0.032	0.414	0.932	-1.094	0.448	0.962	-1.145	0.483
1.100	-1.312	0.414	0.876	0.010	0.448	0.882	-0.036	0.483
0.802	0.172	0.414	0.967	-0.157	0.448	0.325	-0.284	0.483
0.627	0.443	0.414	0.703	0.303	0.448	1.084	-0.429	0.483
0.809	-0.919	0.414	0.845	-0.974	0.448	0.929	-0.123	0.483
0.456	0.671	0.414	0.752	-0.847	0.448	0.641	-0.697	0.483
0.533	0.573	0.414	1.037	-1.239	0.448	0.222	0.909	0.483
1.109	-0.396	0.414	0.215	0.925	0.448	0.697	0.284	0.483
0.390	-0.390	0.414	1.054	-0.327	0.448	1.086	-1.319	0.483
1.036	-0.252	0.414	0.215	-0.175	0.448	0.617	0.409	0.483
0.572	-0.611	0.414	1.093	-0.405	0.448	0.743	-0.838	0.483
0.204	0.943	0.414	0.444	0.669	0.448	0.288	0.838	0.483
0.661	-0.724	0.414	0.535	0.550	0.448	0.533	0.531	0.483
0.292	0.857	0.414	0.349	0.783	0.448	0.834	0.051	0.483
0.954	-1.115	0.414	0.621	0.428	0.448	0.985	-0.231	0.483
0.961	-0.109	0.414	0.283	0.855	0.448	0.773	0.157	0.483
1.022	-1.207	0.414	1.138	-0.498	0.448	0.445	0.650	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.196	-0.177	0.414	1.143	-1.384	0.448	0.213	-0.151	0.483
0.376	0.766	0.414	0.781	0.176	0.448	1.024	-1.232	0.483
0.482	-0.499	0.414	0.651	-0.711	0.448	0.433	-0.420	0.483
0.294	-0.282	0.414	0.329	-0.305	0.448	0.833	-0.964	0.483
1.425	-1.083	0.414	1.376	-1.019	0.448	1.122	-0.508	0.483
1.524	-1.314	0.414	1.437	-1.160	0.448	0.352	0.766	0.483
1.369	-0.957	0.414	1.251	-0.741	0.448	1.040	-0.341	0.483
1.393	-1.703	0.414	1.345	-0.948	0.448	1.428	-1.185	0.483
1.318	-1.603	0.414	1.457	-1.811	0.448	1.235	-0.750	0.483
1.479	-1.209	0.414	1.376	-1.701	0.448	1.492	-1.336	0.483
1.218	-0.623	0.414	1.296	-1.591	0.448	1.361	-1.032	0.483
1.323	-0.852	0.414	1.231	-1.503	0.448	1.280	-1.588	0.483
1.156	-0.492	0.414	1.508	-1.325	0.448	1.502	-1.899	0.483
1.246	-1.507	0.414	1.182	-0.592	0.448	1.548	-1.469	0.483
1.468	-1.803	0.414	1.298	-0.845	0.448	1.216	-1.499	0.483
1.178	-1.416	0.414	1.219	-0.671	0.448	1.360	-1.699	0.483
1.538	-1.899	0.414	1.520	-1.899	0.448	1.163	-1.426	0.483
1.278	-0.754	0.414	1.819	-2.233	0.448	1.179	-0.629	0.483
1.870	-2.187	0.414	1.742	-2.216	0.448	1.439	-1.810	0.483
1.751	-2.197	0.414	1.844	-2.208	0.448	1.271	-0.830	0.483
1.860	-2.132	0.414	1.592	-1.999	0.448	1.749	-2.240	0.483
1.766	-1.898	0.414	1.825	-2.098	0.448	1.721	-2.220	0.483
1.676	-1.676	0.414	1.663	-2.099	0.448	1.766	-2.244	0.483
1.824	-2.234	0.414	1.786	-2.240	0.448	1.807	-2.104	0.483
1.813	-2.014	0.414	1.731	-2.201	0.448	1.621	-1.643	0.483
1.719	-1.781	0.414	1.578	-1.491	0.448	1.692	-1.817	0.483
1.840	-2.229	0.414	1.770	-2.236	0.448	1.813	-2.227	0.483
1.622	-1.547	0.414	1.794	-2.020	0.448	1.777	-2.027	0.483
1.729	-2.164	0.414	1.736	-1.874	0.448	1.573	-2.000	0.483
1.683	-2.097	0.414	1.637	-1.634	0.448	1.734	-2.232	0.483
1.762	-2.212	0.414	1.833	-2.118	0.448	1.823	-2.143	0.483
1.864	-2.203	0.414	1.841	-2.137	0.448	1.799	-2.237	0.483
1.707	-2.130	0.414	1.803	-2.239	0.448	1.831	-2.197	0.483
1.790	-2.232	0.414	1.687	-2.133	0.448	1.689	-2.171	0.483
1.775	-2.224	0.414	1.848	-2.156	0.448	1.666	-2.136	0.483
1.867	-2.151	0.414	1.852	-2.174	0.448	1.833	-2.179	0.483
1.611	-1.998	0.414	1.709	-2.167	0.448	1.783	-2.243	0.483
1.807	-2.236	0.414	1.851	-2.191	0.448	1.824	-2.213	0.483
1.854	-2.218	0.414	1.701	-1.789	0.448	1.746	-1.950	0.483
1.568	-1.418	0.414	1.833	-2.222	0.448	1.643	-2.102	0.483
1.844	-2.093	0.414	1.666	-1.704	0.448	1.830	-2.161	0.483
1.828	-2.053	0.414	1.755	-2.228	0.448	1.815	-2.124	0.483
1.871	-2.169	0.414	1.764	-1.943	0.448	1.710	-2.205	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	0.646	0.517	-1.409	1.127	0.552	-1.521	0.954	0.586
-0.876	0.665	0.517	-1.522	0.825	0.552	-1.120	1.354	0.586
-0.732	1.389	0.517	-1.339	0.736	0.552	-1.246	1.289	0.586
-1.329	1.178	0.517	-0.784	0.694	0.552	-0.773	0.741	0.586
-1.347	0.698	0.517	-1.261	1.252	0.552	-1.520	0.886	0.586
-1.123	0.691	0.517	-1.208	0.733	0.552	-0.697	0.718	0.586
-1.217	1.256	0.517	-1.523	0.951	0.552	-1.511	0.866	0.586
-1.536	0.909	0.517	-1.508	0.807	0.552	-1.300	1.252	0.586
-1.154	1.291	0.517	-1.200	1.290	0.552	-1.438	0.804	0.586
-0.950	1.364	0.517	-0.698	0.667	0.552	-1.524	0.931	0.586
-1.548	0.825	0.517	-1.115	0.733	0.552	-1.470	0.824	0.586
-1.216	0.693	0.517	-1.480	0.783	0.552	-0.841	1.420	0.586
-0.806	1.386	0.517	-1.532	0.844	0.552	-1.476	1.065	0.586
-1.278	1.217	0.517	-1.537	0.889	0.552	-1.403	0.790	0.586
-0.958	0.679	0.517	-0.713	1.404	0.552	-1.367	0.781	0.586
-1.021	1.345	0.517	-1.069	1.349	0.552	-0.768	1.423	0.586
-1.456	0.725	0.517	-0.858	1.398	0.552	-1.022	0.775	0.586
-1.532	0.783	0.517	-1.536	0.866	0.552	-1.511	0.992	0.586
-1.308	0.695	0.517	-1.363	1.172	0.552	-1.350	1.211	0.586
-1.424	1.088	0.517	-1.534	0.912	0.552	-1.524	0.908	0.586
-1.378	1.134	0.517	-1.313	1.214	0.552	-1.396	1.167	0.586
-0.878	1.378	0.517	-1.451	1.077	0.552	-1.329	0.776	0.586
-1.384	0.703	0.517	-0.930	1.387	0.552	-1.185	1.324	0.586
-1.501	0.983	0.517	-1.507	0.988	0.552	-0.913	1.412	0.586
-1.040	0.687	0.517	-1.031	0.732	0.552	-1.105	0.776	0.586
-1.089	1.320	0.517	-1.376	0.741	0.552	-1.439	1.118	0.586
-1.549	0.848	0.517	-1.413	0.751	0.552	-0.984	1.398	0.586
-0.709	0.618	0.517	-0.948	0.725	0.552	-1.053	1.379	0.586
-1.521	0.947	0.517	-1.136	1.322	0.552	-1.495	1.029	0.586
-1.465	1.037	0.517	-0.785	1.404	0.552	-0.856	0.759	0.586
-1.517	0.766	0.517	-1.300	0.734	0.552	-1.198	0.774	0.586
-1.421	0.712	0.517	-1.488	1.023	0.552	-1.291	0.774	0.586
-1.542	0.803	0.517	-1.448	0.764	0.552	-0.939	0.770	0.586
-1.489	0.743	0.517	-1.001	1.371	0.552	-1.497	0.848	0.586
-1.546	0.871	0.517	-0.866	0.713	0.552	-0.245	1.276	0.586
-0.626	0.585	0.517	-0.404	1.341	0.552	-0.483	0.616	0.586
-0.578	1.376	0.517	-0.065	0.217	0.552	-0.060	0.248	0.586
-0.420	1.338	0.517	-0.640	1.398	0.552	-0.623	0.689	0.586
-0.270	1.276	0.517	-0.560	1.385	0.552	-0.551	0.655	0.586
-0.546	0.546	0.517	-0.118	1.191	0.552	-0.696	1.420	0.586
-0.198	1.239	0.517	-0.242	0.387	0.552	-0.176	1.234	0.586
-0.128	1.196	0.517	-0.382	0.498	0.552	-0.144	0.339	0.586
-0.498	1.360	0.517	-0.328	1.310	0.552	0.098	0.059	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.070	0.184	0.517	-0.534	0.593	0.552	0.125	0.986	0.586
0.089	1.029	0.517	0.018	0.126	0.552	-0.110	1.189	0.586
-0.468	0.503	0.517	-0.151	0.304	0.552	0.042	1.065	0.586
-0.321	0.404	0.517	0.037	1.071	0.552	-0.466	1.373	0.586
-0.251	0.349	0.517	-0.186	1.235	0.552	-0.316	1.313	0.586
0.098	0.006	0.517	0.098	0.033	0.552	-0.292	0.477	0.586
-0.344	1.310	0.517	-0.481	1.366	0.552	-0.417	0.573	0.586
-0.393	0.455	0.517	0.122	0.993	0.552	-0.233	0.425	0.586
-0.659	1.386	0.517	-0.456	0.548	0.552	-0.353	0.526	0.586
-0.061	1.150	0.517	-0.614	0.633	0.552	-0.623	1.411	0.586
0.159	0.963	0.517	-0.052	1.144	0.552	0.021	0.155	0.586
0.016	0.097	0.517	-0.311	0.445	0.552	-0.544	1.395	0.586
-0.158	0.269	0.517	-0.256	1.275	0.552	-0.390	1.346	0.586
0.015	1.092	0.517	0.918	-1.101	0.552	-0.045	1.140	0.586
0.320	-0.263	0.517	0.203	0.911	0.552	0.520	0.490	0.586
0.872	-0.052	0.517	0.862	-0.065	0.552	0.674	0.242	0.586
0.292	0.823	0.517	0.353	0.737	0.552	0.412	-0.366	0.586
0.211	-0.127	0.517	0.606	0.378	0.552	0.204	0.903	0.586
0.822	-0.953	0.517	0.209	-0.103	0.552	0.599	0.367	0.586
0.912	-1.082	0.517	0.700	-0.783	0.552	0.747	0.116	0.586
0.444	0.634	0.517	0.280	0.825	0.552	0.512	-0.510	0.586
0.974	-0.247	0.517	0.526	0.500	0.552	0.899	-1.084	0.586
0.530	0.514	0.517	0.917	-0.171	0.552	0.988	-0.344	0.586
0.727	-0.818	0.517	0.419	-0.384	0.552	0.851	-0.075	0.586
0.863	-1.012	0.517	0.810	-0.942	0.552	0.695	-0.779	0.586
0.426	-0.402	0.517	0.962	-0.259	0.552	0.951	-0.269	0.586
0.354	0.750	0.517	0.621	-0.669	0.552	0.438	0.610	0.586
0.227	0.894	0.517	0.521	-0.526	0.552	0.279	0.816	0.586
0.612	0.391	0.517	0.683	0.253	0.552	0.310	-0.222	0.586
0.690	0.267	0.517	0.805	0.040	0.552	0.797	-0.931	0.586
0.812	0.058	0.517	0.756	0.126	0.552	0.206	-0.081	0.586
0.632	-0.683	0.517	0.442	0.620	0.552	0.983	-1.208	0.586
0.765	0.140	0.517	0.315	-0.243	0.552	0.351	0.727	0.586
0.530	-0.542	0.517	0.997	-1.216	0.552	0.611	-0.655	0.586
0.931	-0.163	0.517	1.115	-0.574	0.552	1.169	-1.484	0.586
1.208	-0.735	0.517	1.331	-1.053	0.552	1.309	-1.691	0.586
1.201	-1.494	0.517	1.374	-1.153	0.552	1.046	-0.465	0.586
1.071	-0.444	0.517	1.326	-1.694	0.552	1.103	-0.586	0.586
1.110	-1.365	0.517	1.152	-0.654	0.552	1.067	-1.334	0.586
1.343	-1.696	0.517	1.198	-0.755	0.552	1.281	-0.984	0.586
1.121	-0.548	0.517	1.059	-0.456	0.552	1.173	-0.738	0.586
1.305	-0.950	0.517	1.185	-1.489	0.552	1.234	-1.581	0.586
1.272	-1.595	0.517	1.398	-1.799	0.552	1.138	-0.662	0.586
1.021	-0.341	0.517	1.286	-0.951	0.552	1.315	-1.061	0.586
1.010	-1.224	0.517	1.242	-0.853	0.552	1.383	-1.802	0.586
1.257	-0.843	0.517	1.001	-0.338	0.552	1.381	-1.215	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.159	-1.435	0.517	1.089	-1.350	0.552	1.227	-0.861	0.586
1.165	-0.643	0.517	1.254	-1.589	0.552	1.753	-2.238	0.586
1.346	-1.044	0.517	1.505	-1.462	0.552	1.692	-1.966	0.586
1.793	-2.231	0.517	1.626	-2.142	0.552	1.552	-2.061	0.586
1.414	-1.797	0.517	1.784	-2.221	0.552	1.518	-1.542	0.586
1.646	-2.140	0.517	1.785	-2.152	0.552	1.627	-2.180	0.586
1.713	-2.236	0.517	1.770	-2.114	0.552	1.478	-1.946	0.586
1.728	-2.244	0.517	1.534	-2.003	0.552	1.722	-2.042	0.586
1.532	-1.479	0.517	1.792	-2.170	0.552	1.764	-2.224	0.586
1.675	-1.823	0.517	1.791	-2.205	0.552	1.443	-1.361	0.586
1.804	-2.217	0.517	1.741	-2.038	0.552	1.775	-2.191	0.586
1.729	-1.956	0.517	1.668	-2.212	0.552	1.751	-2.118	0.586
1.484	-1.899	0.517	1.546	-1.560	0.552	1.583	-2.109	0.586
1.804	-2.147	0.517	1.794	-2.188	0.552	1.654	-1.872	0.586
1.811	-2.166	0.517	1.420	-1.261	0.552	1.759	-2.137	0.586
1.554	-2.001	0.517	1.460	-1.355	0.552	1.766	-2.155	0.586
1.689	-2.209	0.517	1.710	-1.961	0.552	1.618	-1.784	0.586
1.477	-1.347	0.517	1.586	-1.658	0.552	1.659	-2.230	0.586
1.623	-2.105	0.517	1.680	-2.227	0.552	1.739	-2.248	0.586
1.811	-2.201	0.517	1.627	-1.756	0.552	1.515	-2.004	0.586
1.407	-1.183	0.517	1.778	-2.133	0.552	1.648	-2.215	0.586
1.700	-2.224	0.517	1.758	-2.245	0.552	1.447	-1.899	0.586
1.604	-1.651	0.517	1.465	-1.899	0.552	1.688	-2.251	0.586
1.789	-2.110	0.517	1.742	-2.250	0.552	1.705	-2.254	0.586
1.759	-2.033	0.517	1.603	-2.107	0.552	1.672	-2.242	0.586
1.762	-2.247	0.517	1.648	-2.177	0.552	1.772	-2.208	0.586
1.797	-2.129	0.517	1.667	-1.854	0.552	1.722	-2.253	0.586
1.814	-2.184	0.517	1.708	-2.248	0.552	1.482	-1.455	0.586
1.668	-2.174	0.517	1.693	-2.239	0.552	1.772	-2.173	0.586
1.779	-2.241	0.517	1.725	-2.251	0.552	1.606	-2.144	0.586
1.745	-2.248	0.517	1.773	-2.235	0.552	1.568	-1.663	0.586
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.038	1.409	0.621	-1.390	1.233	0.655	-1.438	0.950	0.690
-0.898	1.437	0.621	-1.093	1.420	0.655	-1.475	0.995	0.690
-1.463	0.868	0.621	-1.499	0.992	0.655	-0.980	0.907	0.690
-1.345	0.820	0.621	-1.299	0.858	0.655	-0.943	1.483	0.690
-1.485	0.889	0.621	-0.812	1.466	0.655	-1.147	1.430	0.690
-1.436	0.850	0.621	-1.494	0.969	0.655	-1.477	1.117	0.690
-0.844	0.804	0.621	-1.473	0.931	0.655	-1.487	1.050	0.690
-1.362	1.230	0.621	-1.173	0.859	0.655	-0.728	1.483	0.690
-0.969	1.426	0.621	-1.451	0.909	0.655	-0.811	0.892	0.690
-1.106	1.387	0.621	-1.473	1.113	0.655	-1.484	1.022	0.690
-0.761	0.787	0.621	-1.352	1.270	0.655	-1.445	1.190	0.690
-1.234	1.326	0.621	-1.159	1.395	0.655	-1.211	1.400	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.512	0.950	0.621	-0.956	1.455	0.655	-1.415	1.234	0.690
-1.509	0.996	0.621	-0.884	1.463	0.655	-1.463	1.154	0.690
-1.484	1.071	0.621	-1.395	0.878	0.655	-0.872	1.489	0.690
-1.407	0.836	0.621	-1.311	1.304	0.655	-1.381	1.274	0.690
-0.927	0.814	0.621	-1.025	1.440	0.655	-1.412	0.933	0.690
-1.313	0.816	0.621	-1.080	0.862	0.655	-1.342	1.311	0.690
-1.400	1.192	0.621	-1.500	1.014	0.655	-1.251	0.902	0.690
-1.187	0.816	0.621	-1.222	1.363	0.655	-1.382	0.920	0.690
-1.279	0.815	0.621	-1.455	1.148	0.655	-1.301	1.344	0.690
-1.435	1.150	0.621	-1.364	0.868	0.655	-0.800	1.489	0.690
-1.498	0.908	0.621	-1.268	1.335	0.655	-1.081	1.454	0.690
-1.279	1.297	0.621	-0.913	0.858	0.655	-1.460	0.972	0.690
-0.826	1.443	0.621	-1.425	1.192	0.655	-1.257	1.374	0.690
-1.094	0.818	0.621	-1.486	0.949	0.655	-0.895	0.903	0.690
-1.377	0.826	0.621	-1.266	0.857	0.655	-1.318	0.905	0.690
-1.507	0.928	0.621	-1.488	1.076	0.655	-1.064	0.907	0.690
-1.322	1.265	0.621	-0.829	0.848	0.655	-1.158	0.904	0.690
-1.171	1.359	0.621	-1.332	0.862	0.655	-1.486	1.079	0.690
-1.512	0.973	0.621	-1.424	0.891	0.655	-0.728	0.874	0.690
-1.011	0.819	0.621	-0.996	0.862	0.655	-1.285	0.903	0.690
-0.753	1.443	0.621	-0.746	0.831	0.655	-1.013	1.471	0.690
-1.465	1.106	0.621	-1.497	1.038	0.655	-1.351	0.911	0.690
-1.499	1.034	0.621	-0.740	1.463	0.655	0.044	1.056	0.690
-0.041	1.137	0.621	-0.300	1.323	0.655	-0.408	0.714	0.690
-0.237	1.278	0.621	0.045	1.059	0.655	-0.587	1.456	0.690
-0.363	0.583	0.621	-0.129	0.401	0.655	-0.364	1.367	0.690
-0.531	1.407	0.621	-0.520	1.419	0.655	-0.294	1.328	0.690
-0.610	1.426	0.621	-0.231	1.281	0.655	-0.436	1.402	0.690
-0.454	1.382	0.621	-0.214	0.493	0.655	-0.121	0.430	0.690
-0.560	0.711	0.621	0.100	0.107	0.655	0.102	0.129	0.690
-0.307	1.317	0.621	-0.039	1.136	0.655	-0.336	0.655	0.690
-0.224	0.460	0.621	-0.677	0.810	0.655	0.122	0.973	0.690
-0.498	0.676	0.621	-0.371	1.360	0.655	-0.528	0.793	0.690
-0.438	0.638	0.621	-0.669	1.455	0.655	-0.203	0.524	0.690
-0.292	0.523	0.621	0.026	0.207	0.655	-0.227	1.284	0.690
0.099	0.084	0.621	-0.350	0.620	0.655	-0.659	0.853	0.690
-0.104	1.187	0.621	-0.598	1.441	0.655	-0.657	1.472	0.690
-0.137	0.371	0.621	0.124	0.977	0.655	-0.044	0.332	0.690
-0.055	0.278	0.621	-0.445	1.392	0.655	-0.038	1.135	0.690
0.125	0.981	0.621	-0.483	0.717	0.655	-0.267	0.592	0.690
0.023	0.182	0.621	-0.280	0.559	0.655	-0.467	0.756	0.690
-0.681	1.437	0.621	-0.050	0.305	0.655	-0.162	1.238	0.690
-0.169	1.234	0.621	-0.610	0.784	0.655	-0.099	1.188	0.690
-0.625	0.741	0.621	-0.165	1.236	0.655	0.030	0.231	0.690
0.044	1.061	0.621	-0.545	0.753	0.655	-0.592	0.826	0.690
-0.692	0.766	0.621	-0.101	1.188	0.655	-0.511	1.432	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.380	1.352	0.621	-0.424	0.677	0.655	0.647	0.221	0.690
0.666	0.234	0.621	0.506	0.475	0.655	0.347	-0.242	0.690
0.513	0.482	0.621	0.273	0.804	0.655	0.498	0.469	0.690
0.543	-0.555	0.621	0.864	-1.053	0.655	0.419	0.590	0.690
0.841	-0.083	0.621	0.657	0.227	0.655	0.466	-0.430	0.690
0.432	0.602	0.621	0.829	-0.090	0.655	0.268	0.799	0.690
0.979	-1.216	0.621	0.966	-1.212	0.655	0.738	-0.865	0.690
0.591	0.359	0.621	0.762	-0.895	0.655	0.336	0.708	0.690
0.738	0.108	0.621	0.200	0.892	0.655	0.574	0.346	0.690
0.229	-0.095	0.621	0.592	-0.630	0.655	0.196	0.887	0.690
0.277	0.809	0.621	0.342	0.714	0.655	0.226	-0.056	0.690
0.601	-0.642	0.621	0.678	-0.764	0.655	0.818	-0.096	0.690
0.981	-0.362	0.621	0.426	0.596	0.655	0.914	-0.289	0.690
0.355	-0.276	0.621	0.351	-0.259	0.655	0.673	-0.760	0.690
0.347	0.720	0.621	0.927	-0.283	0.655	0.584	-0.618	0.690
0.939	-0.276	0.621	0.227	-0.075	0.655	0.717	0.095	0.690
0.877	-1.061	0.621	0.583	0.352	0.655	0.851	-1.046	0.690
0.479	-0.458	0.621	0.965	-0.363	0.655	0.952	-0.369	0.690
0.678	-0.758	0.621	0.472	-0.444	0.655	0.965	-1.227	0.690
0.203	0.897	0.621	0.728	0.101	0.655	1.228	-0.990	0.690
0.775	-0.906	0.621	1.339	-1.207	0.655	1.121	-1.474	0.690
1.426	-1.367	0.621	1.197	-0.873	0.655	1.390	-1.900	0.690
1.607	-2.182	0.621	1.137	-1.477	0.655	1.316	-1.198	0.690
1.752	-2.211	0.621	1.273	-1.688	0.655	1.318	-1.786	0.690
1.076	-1.363	0.621	1.142	-0.747	0.655	1.390	-1.377	0.690
1.702	-2.256	0.621	1.050	-1.342	0.655	1.181	-0.879	0.690
1.500	-1.547	0.621	1.110	-0.675	0.655	1.061	-1.380	0.690
1.586	-2.146	0.621	1.198	-1.571	0.655	1.247	-1.674	0.690
1.719	-2.251	0.621	1.348	-1.805	0.655	1.354	-1.289	0.690
1.600	-1.789	0.621	1.020	-0.478	0.655	1.180	-1.568	0.690
1.745	-2.227	0.621	1.073	-0.593	0.655	1.059	-0.600	0.690
1.427	-1.899	0.621	1.251	-1.000	0.655	1.006	-0.484	0.690
1.550	-1.668	0.621	1.282	-1.073	0.655	1.095	-0.681	0.690
1.262	-0.983	0.621	1.616	-1.881	0.655	1.133	-0.769	0.690
1.212	-0.868	0.621	1.648	-2.256	0.655	1.266	-1.078	0.690
1.733	-2.241	0.621	1.476	-2.006	0.655	1.714	-2.183	0.690
1.563	-2.111	0.621	1.734	-2.179	0.655	1.513	-1.677	0.690
1.153	-1.480	0.621	1.733	-2.214	0.655	1.680	-2.257	0.690
1.219	-1.581	0.621	1.620	-2.235	0.655	1.524	-2.115	0.690
1.389	-1.280	0.621	1.654	-1.973	0.655	1.600	-2.238	0.690
1.634	-1.875	0.621	1.408	-1.372	0.655	1.589	-2.222	0.690
1.084	-0.582	0.621	1.608	-2.219	0.655	1.469	-2.026	0.690
1.740	-2.140	0.621	1.588	-2.184	0.655	1.663	-2.262	0.690
1.299	-1.067	0.621	1.484	-1.557	0.655	1.694	-2.128	0.690
1.495	-2.005	0.621	1.408	-1.900	0.655	1.706	-2.233	0.690
1.162	-0.753	0.621	1.699	-2.253	0.655	1.708	-2.165	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.652	-2.245	0.621	1.725	-2.230	0.655	1.716	-2.200	0.690
1.352	-1.192	0.621	1.633	-2.248	0.655	1.500	-2.076	0.690
1.362	-1.799	0.621	1.665	-2.260	0.655	1.613	-2.251	0.690
1.465	-1.462	0.621	1.446	-1.464	0.655	1.432	-1.969	0.690
1.628	-2.217	0.621	1.720	-2.143	0.655	1.568	-2.187	0.690
1.732	-2.121	0.621	1.683	-2.259	0.655	1.445	-1.510	0.690
1.755	-2.194	0.621	1.695	-2.078	0.655	1.713	-2.218	0.690
1.753	-2.176	0.621	1.676	-2.030	0.655	1.646	-2.263	0.690
1.747	-2.158	0.621	1.532	-1.672	0.655	1.667	-2.059	0.690
1.668	-2.253	0.621	1.728	-2.162	0.655	1.701	-2.147	0.690
1.673	-1.969	0.621	1.544	-2.113	0.655	1.628	-2.259	0.690
1.291	-1.690	0.621	1.736	-2.197	0.655	1.635	-1.977	0.690
1.124	-0.669	0.621	1.579	-1.788	0.655	1.547	-2.151	0.690
1.033	-0.472	0.621	1.714	-2.243	0.655	1.602	-1.896	0.690
1.639	-2.233	0.621	1.566	-2.148	0.655	1.556	-1.783	0.690
1.685	-2.257	0.621	1.713	-2.124	0.655	1.694	-2.247	0.690
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.135	1.464	0.724	-0.828	0.994	0.759	-1.359	1.384	0.793
-0.716	1.502	0.724	-1.420	1.036	0.759	-1.170	1.506	0.793
-0.844	0.946	0.724	-1.436	1.053	0.759	-1.289	1.441	0.793
-1.471	1.063	0.724	-1.222	0.998	0.759	-1.258	1.046	0.793
-1.246	1.412	0.724	-1.461	1.116	0.759	-1.450	1.204	0.793
-1.448	1.012	0.724	-1.400	1.022	0.759	-0.756	1.547	0.793
-1.436	1.231	0.724	-0.761	0.981	0.759	-1.432	1.279	0.793
-1.305	0.951	0.724	-1.327	1.001	0.759	-1.162	1.051	0.793
-1.290	1.383	0.724	-1.265	1.429	0.759	-1.409	1.077	0.793
-1.467	1.159	0.724	-0.380	0.788	0.759	-1.389	1.350	0.793
-0.912	0.953	0.724	0.040	1.044	0.759	-1.037	1.546	0.793
-1.431	0.995	0.724	-0.244	0.658	0.759	-1.445	1.242	0.793
-1.047	0.955	0.724	-0.030	0.386	0.759	-1.451	1.181	0.793
-1.411	0.981	0.724	-0.491	1.449	0.759	-0.756	1.029	0.793
-0.787	1.510	0.724	-0.632	1.501	0.759	-1.436	1.114	0.793
-1.332	1.351	0.724	-1.054	1.517	0.759	-1.449	1.158	0.793
-0.930	1.510	0.724	-0.096	1.181	0.759	-0.832	1.045	0.793
-0.777	0.934	0.724	-0.310	0.725	0.759	-1.251	1.466	0.793
-1.199	1.437	0.724	-0.283	1.331	0.759	-0.987	1.057	0.793
-1.271	0.949	0.724	-1.352	1.005	0.759	-1.415	1.313	0.793
-1.236	0.949	0.724	-1.462	1.162	0.759	-0.898	1.559	0.793
-1.389	0.970	0.724	-0.843	1.536	0.759	-1.105	1.529	0.793
-0.980	0.955	0.724	-0.772	1.530	0.759	-0.910	-1.054	0.793
-1.475	1.091	0.724	-0.156	1.234	0.759	-1.366	-1.055	0.793
-1.142	0.952	0.724	-0.104	0.489	0.759	-1.325	1.414	0.793
-1.339	0.956	0.724	-1.032	1.006	0.759	-1.425	1.094	0.793
-1.454	1.196	0.724	-0.038	1.126	0.759	-1.444	1.136	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.000	1.501	0.724	-0.437	0.832	0.759	-1.300	1.046	0.793
-1.462	1.036	0.724	-1.338	1.375	0.759	-1.341	1.050	0.793
-0.711	0.918	0.724	-0.985	1.529	0.759	-1.389	1.064	0.793
-1.371	1.315	0.724	-0.565	1.479	0.759	-1.065	1.056	0.793
-1.068	1.486	0.724	-1.303	1.403	0.759	-0.826	1.556	0.793
-1.474	1.120	0.724	-0.702	1.518	0.759	-0.968	1.556	0.793
-0.858	1.513	0.724	-0.915	1.536	0.759	-1.212	1.488	0.793
-1.365	0.962	0.724	-0.419	1.414	0.759	-0.547	0.949	0.793
-1.406	1.275	0.724	-1.443	1.237	0.759	-0.170	1.242	0.793
-0.192	0.555	0.724	-0.182	0.587	0.759	0.038	1.034	0.793
-0.038	1.132	0.724	-0.896	1.002	0.759	-0.038	1.117	0.793
-0.289	1.331	0.724	-0.218	1.284	0.759	-0.234	0.690	0.793
-0.037	0.359	0.724	-1.128	1.002	0.759	-0.390	1.404	0.793
0.105	0.152	0.724	-1.377	1.012	0.759	-0.299	0.758	0.793
-0.393	0.751	0.724	-0.350	1.374	0.759	-0.680	1.007	0.793
-0.642	0.895	0.724	0.041	0.282	0.759	-0.618	1.512	0.793
-0.223	1.286	0.724	-1.371	1.344	0.759	-0.425	0.869	0.793
-0.501	1.442	0.724	-1.448	1.072	0.759	-0.173	0.618	0.793
0.118	0.968	0.724	-1.186	1.472	0.759	0.046	0.308	0.793
-0.357	1.372	0.724	-1.426	1.272	0.759	-0.686	1.532	0.793
-0.645	1.488	0.724	-1.401	1.309	0.759	-0.096	0.517	0.793
-0.159	1.237	0.724	-1.226	1.452	0.759	-0.484	0.911	0.793
-0.112	0.459	0.724	-0.560	0.909	0.759	-0.469	1.448	0.793
-0.451	0.794	0.724	-1.456	1.093	0.759	0.114	0.201	0.793
-0.255	0.625	0.724	-1.463	1.139	0.759	-0.240	1.300	0.793
0.042	1.052	0.724	-0.964	1.006	0.759	0.111	0.948	0.793
-0.428	1.409	0.724	-0.695	0.963	0.759	-0.103	1.181	0.793
-0.576	1.469	0.724	-0.497	0.873	0.759	-0.552	1.487	0.793
-0.322	0.690	0.724	-1.274	0.997	0.759	-0.369	0.823	0.793
0.035	0.256	0.724	0.109	0.177	0.759	-0.612	0.981	0.793
-0.575	0.867	0.724	-0.626	0.939	0.759	-0.023	0.414	0.793
-0.511	0.833	0.724	-1.456	1.200	0.759	-0.314	1.354	0.793
-0.098	1.186	0.724	0.115	0.959	0.759	0.506	0.374	0.793
0.329	0.701	0.724	-1.121	1.498	0.759	0.729	-0.035	0.793
0.824	-0.143	0.724	0.607	0.232	0.759	0.660	-0.743	0.793
0.865	-0.225	0.724	0.658	-0.740	0.759	0.230	0.008	0.793
0.345	-0.225	0.724	0.422	0.541	0.759	0.907	-0.400	0.793
0.949	-1.217	0.724	0.322	0.690	0.759	0.314	0.677	0.793
0.937	-0.376	0.724	0.736	-0.874	0.759	0.796	-0.169	0.793
0.577	-0.605	0.724	0.853	-0.242	0.759	0.344	-0.187	0.793
0.226	-0.035	0.724	0.989	-0.533	0.759	0.861	-0.303	0.793
0.840	-1.039	0.724	1.228	-1.696	0.759	0.734	-0.875	0.793
0.262	0.792	0.724	1.189	-0.992	0.759	0.249	0.769	0.793
0.527	0.400	0.724	1.180	-1.616	0.759	0.948	-0.491	0.793
0.461	-0.415	0.724	1.232	-1.096	0.759	0.793	-0.978	0.793
0.706	0.086	0.724	1.670	-2.179	0.759	0.595	0.218	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.395	-0.307	0.724	1.666	-2.245	0.759	0.396	-0.279	0.793
0.663	-0.748	0.724	1.419	-2.012	0.759	0.680	0.060	0.793
0.527	-0.523	0.724	1.663	-2.160	0.759	0.182	0.860	0.793
0.192	0.881	0.724	1.558	-1.892	0.759	0.904	-1.171	0.793
0.731	-0.860	0.724	1.560	-2.247	0.759	0.566	-0.578	0.793
0.619	0.244	0.724	1.508	-2.158	0.759	0.455	-0.382	0.793
0.431	0.552	0.724	1.674	-2.230	0.759	0.514	-0.486	0.793
1.105	-1.471	0.724	1.588	-2.269	0.759	0.412	0.527	0.793
1.196	-0.960	0.724	0.458	-0.398	0.759	1.219	-1.707	0.793
1.195	-1.617	0.724	1.090	-1.468	0.759	1.167	-0.991	0.793
1.017	-1.328	0.724	1.427	-1.568	0.759	1.076	-1.465	0.793
1.373	-1.384	0.724	1.656	-2.142	0.759	1.076	-0.779	0.793
1.330	-1.834	0.724	0.693	0.074	0.759	1.264	-1.223	0.793
1.007	-0.527	0.724	1.606	-2.274	0.759	1.016	-1.363	0.793
1.249	-1.086	0.724	1.623	-2.273	0.759	1.159	-1.605	0.793
1.148	-0.848	0.724	1.132	-0.858	0.759	1.286	-1.820	0.793
1.044	-0.611	0.724	1.002	-1.321	0.759	1.013	-0.634	0.793
1.268	-1.735	0.724	1.636	-2.091	0.759	1.216	-1.107	0.793
1.100	-0.737	0.724	1.074	-0.724	0.759	1.116	-0.870	0.793
1.371	-1.902	0.724	1.655	-2.258	0.759	1.540	-2.254	0.793
1.302	-1.212	0.724	1.478	-1.692	0.759	1.415	-1.590	0.793
1.412	-1.479	0.724	1.675	-2.196	0.759	1.654	-2.238	0.793
1.495	-1.684	0.724	0.517	0.388	0.759	1.336	-1.905	0.793
1.505	-2.118	0.724	1.289	-1.796	0.759	1.552	-2.267	0.793
1.609	-2.264	0.724	0.344	-0.206	0.759	1.620	-2.275	0.793
1.424	-1.988	0.724	1.677	-2.213	0.759	1.380	-1.505	0.793
1.689	-2.171	0.724	0.228	-0.014	0.759	1.339	-1.404	0.793
1.593	-2.255	0.724	1.486	-2.122	0.759	1.460	-1.702	0.793
1.626	-2.268	0.724	1.640	-2.268	0.759	1.603	-2.280	0.793
1.578	-1.889	0.724	1.549	-2.231	0.759	1.401	-2.016	0.793
1.686	-2.238	0.724	0.528	-0.518	0.759	1.645	-2.169	0.793
1.580	-2.242	0.724	1.029	-0.622	0.759	1.529	-2.237	0.793
1.675	-2.134	0.724	1.597	-1.991	0.759	1.467	-2.126	0.793
1.675	-2.252	0.724	0.829	-1.031	0.759	1.505	-1.814	0.793
1.549	-2.190	0.724	0.187	0.872	0.759	1.610	-2.078	0.793
1.697	-2.206	0.724	1.356	-1.394	0.759	1.585	-2.280	0.793
1.616	-1.983	0.724	1.284	-1.220	0.759	1.488	-2.163	0.793
1.643	-2.267	0.724	0.922	-1.188	0.759	1.646	-2.253	0.793
1.695	-2.189	0.724	1.523	-1.804	0.759	1.579	-2.000	0.793
1.527	-2.154	0.724	1.529	-2.195	0.759	1.568	-2.276	0.793
1.694	-2.223	0.724	1.354	-1.903	0.759	1.634	-2.266	0.793
1.541	-1.797	0.724	0.256	0.782	0.759	1.651	-2.187	0.793
1.645	-2.056	0.724	0.922	-0.387	0.759	1.656	-2.204	0.793
1.569	-2.226	0.724	0.571	-0.592	0.759	1.658	-2.221	0.793
1.660	-2.261	0.724	0.811	-0.155	0.759	1.509	-2.200	0.793
1.682	-2.153	0.724	1.573	-2.261	0.759	1.539	-1.899	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.449	-1.571	0.724	0.387	-0.279	0.759	1.638	-2.150	0.793
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.310	1.453	0.828	-1.387	1.399	0.862	-1.271	1.534	0.897
-0.808	1.574	0.828	-1.065	1.589	0.862	-0.725	1.141	0.897
-1.273	1.479	0.828	-1.405	1.366	0.862	-1.369	1.444	0.897
-1.432	1.285	0.828	-1.042	1.152	0.862	-1.033	1.194	0.897
-1.432	1.179	0.828	-1.269	1.140	0.862	-1.413	1.318	0.897
-1.150	1.100	0.828	-1.333	1.141	0.862	-1.412	1.295	0.897
-1.053	1.105	0.828	-1.420	1.225	0.862	-0.955	1.190	0.897
-1.364	1.101	0.828	-1.215	1.539	0.862	-1.229	1.187	0.897
-0.743	1.073	0.828	-0.858	1.599	0.862	-1.409	1.272	0.897
-1.402	1.355	0.828	-1.425	1.293	0.862	-0.835	1.614	0.897
-1.086	1.560	0.828	-1.392	1.166	0.862	-0.699	1.581	0.897
-1.152	1.540	0.828	-1.328	1.465	0.862	-1.341	1.478	0.897
-0.819	1.090	0.828	-1.355	1.145	0.862	-0.800	1.164	0.897
-1.234	1.503	0.828	-0.788	1.589	0.862	-0.903	1.622	0.897
-0.879	1.580	0.828	-1.174	1.557	0.862	-1.347	1.191	0.897
-1.342	1.096	0.828	-0.964	1.150	0.862	-1.108	1.604	0.897
-1.401	1.121	0.828	-1.375	1.154	0.862	-1.383	1.212	0.897
-0.897	1.101	0.828	-1.424	1.247	0.862	-1.411	1.340	0.897
-1.425	1.157	0.828	-1.140	1.148	0.862	-1.404	1.250	0.897
-0.948	1.580	0.828	-0.886	1.144	0.862	-1.389	1.412	0.897
-1.279	1.093	0.828	-1.301	1.139	0.862	-0.877	1.181	0.897
-1.247	1.094	0.828	-1.405	1.182	0.862	-1.294	1.184	0.897
-1.420	1.321	0.828	-1.414	1.202	0.862	-1.151	1.591	0.897
-1.415	1.137	0.828	-0.808	1.130	0.862	-1.396	1.229	0.897
-1.436	1.202	0.828	-0.927	1.602	0.862	-1.403	1.377	0.897
-0.738	1.561	0.828	-1.254	1.518	0.862	-1.192	1.575	0.897
-1.194	1.523	0.828	-1.360	1.434	0.862	-1.261	1.185	0.897
-1.438	1.247	0.828	-1.426	1.270	0.862	-1.232	1.556	0.897
-1.018	1.573	0.828	-1.237	1.142	0.862	-1.367	1.199	0.897
-1.376	1.391	0.828	-1.132	1.572	0.862	-0.766	1.601	0.897
-1.311	1.093	0.828	-1.418	1.330	0.862	-0.972	1.623	0.897
-1.438	1.224	0.828	-0.719	1.572	0.862	-1.308	1.507	0.897
-0.975	1.106	0.828	-1.292	1.493	0.862	-1.041	1.617	0.897
-1.384	1.109	0.828	-0.996	1.599	0.862	-1.132	1.192	0.897
-1.345	1.424	0.828	-0.733	1.110	0.862	-1.325	1.186	0.897
0.051	0.332	0.828	-0.659	1.083	0.862	-0.586	1.077	0.897
-0.090	0.543	0.828	-0.592	1.051	0.862	0.056	0.369	0.897
0.118	0.224	0.828	-0.466	0.973	0.862	-0.350	0.899	0.897
-0.038	1.106	0.828	-0.587	1.524	0.862	-0.218	0.759	0.897
-0.017	0.439	0.828	-0.523	1.493	0.862	-0.159	1.213	0.897
-0.166	0.645	0.828	-0.370	1.398	0.862	-0.462	0.995	0.897
-0.670	1.543	0.828	-0.038	1.094	0.862	-0.223	1.275	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.235	1.294	0.828	0.053	0.987	0.862	-0.359	1.392	0.897
-0.360	0.854	0.828	-0.013	0.460	0.862	-0.405	0.948	0.897
-0.101	1.171	0.828	-0.229	1.285	0.862	0.051	0.973	0.897
-0.474	0.945	0.828	0.121	0.243	0.862	-0.523	1.038	0.897
-0.668	1.048	0.828	-0.161	0.668	0.862	-0.570	1.526	0.897
-0.227	0.718	0.828	-0.085	0.565	0.862	-0.282	0.831	0.897
-0.380	1.402	0.828	-0.528	1.014	0.862	-0.508	1.493	0.897
-0.415	0.901	0.828	-0.353	0.879	0.862	-0.290	1.335	0.897
-0.291	0.788	0.828	-0.099	1.160	0.862	0.122	0.259	0.897
-0.306	1.350	0.828	-0.221	0.741	0.862	-0.158	0.685	0.897
0.055	1.001	0.828	-0.445	1.448	0.862	-0.432	1.445	0.897
-0.457	1.450	0.828	-0.298	1.343	0.862	-0.037	1.080	0.897
-0.603	1.520	0.828	-0.285	0.812	0.862	-0.083	0.582	0.897
-0.166	1.234	0.828	0.138	0.876	0.862	-0.652	1.111	0.897
-0.601	1.019	0.828	-0.163	1.224	0.862	-0.633	1.556	0.897
-0.538	1.491	0.828	0.055	0.352	0.862	-0.097	1.148	0.897
-0.536	0.984	0.828	-0.652	1.551	0.862	0.135	0.861	0.897
0.143	0.891	0.828	-0.408	0.928	0.862	-0.012	0.477	0.897
0.344	-0.169	0.828	0.876	-0.429	0.862	0.501	-0.446	0.897
0.403	0.512	0.828	0.570	0.187	0.862	0.640	0.014	0.897
0.495	0.359	0.828	0.484	0.342	0.862	0.869	-1.155	0.897
0.667	0.045	0.828	0.881	-1.160	0.862	0.551	-0.544	0.897
0.782	-0.184	0.828	0.298	0.647	0.862	0.622	-0.681	0.897
0.306	0.662	0.828	0.718	-0.857	0.862	0.952	-1.310	0.897
0.561	-0.565	0.828	0.510	-0.465	0.862	0.964	-0.674	0.897
0.954	-0.552	0.828	0.343	-0.153	0.862	0.752	-0.214	0.897
0.232	0.028	0.828	0.234	0.046	0.862	0.384	0.480	0.897
0.891	-0.415	0.828	0.653	0.029	0.862	0.392	-0.238	0.897
0.726	-0.865	0.828	0.393	0.496	0.862	0.215	0.747	0.897
0.950	-1.267	0.828	0.615	-0.663	0.862	0.291	0.631	0.897
0.226	0.778	0.828	0.450	-0.353	0.862	0.922	-0.579	0.897
0.831	-1.055	0.828	0.557	-0.554	0.862	0.797	-1.019	0.897
0.453	-0.367	0.828	0.930	-1.250	0.862	0.447	-0.342	0.897
0.622	-0.675	0.828	0.220	0.763	0.862	0.709	-0.850	0.897
0.827	-0.278	0.828	0.391	-0.242	0.862	0.558	0.171	0.897
0.893	-1.165	0.828	0.767	-0.199	0.862	0.797	-0.308	0.897
0.583	0.203	0.828	0.822	-1.051	0.862	0.473	0.326	0.897
1.175	-1.658	0.828	0.982	-1.343	0.862	0.341	-0.140	0.897
1.319	-1.908	0.828	0.980	-0.662	0.862	0.233	0.061	0.897
1.243	-1.225	0.828	1.213	-1.753	0.862	0.860	-0.443	0.897
1.227	-1.749	0.828	1.082	-0.896	0.862	1.231	-1.816	0.897
1.062	-1.463	0.828	1.048	-1.461	0.862	1.305	-1.950	0.897
1.199	-1.119	0.828	1.142	-1.035	0.862	1.283	-1.911	0.897
1.123	-1.568	0.828	1.257	-1.310	0.862	1.230	-1.294	0.897
0.997	-0.648	0.828	1.022	-0.757	0.862	1.165	-1.140	0.897
1.002	-1.358	0.828	1.301	-1.909	0.862	1.005	-0.767	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.161	-1.029	0.828	1.305	-1.425	0.862	1.126	-1.047	0.897
1.276	-1.833	0.828	1.114	-1.578	0.862	1.086	-1.554	0.897
1.322	-1.415	0.828	1.167	-1.671	0.862	1.158	-1.685	0.897
1.099	-0.883	0.828	1.261	-1.837	0.862	1.288	-1.433	0.897
1.036	-0.737	0.828	1.182	-1.130	0.862	1.066	-0.907	0.897
1.275	-1.301	0.828	1.223	-1.228	0.862	1.033	-1.459	0.897
1.489	-2.206	0.828	1.485	-1.867	0.862	1.408	-1.726	0.897
1.619	-2.158	0.828	1.562	-2.293	0.862	1.553	-2.095	0.897
1.362	-1.982	0.828	1.594	-2.279	0.862	1.595	-2.205	0.897
1.508	-2.243	0.828	1.618	-2.235	0.862	1.599	-2.222	0.897
1.561	-2.009	0.828	1.543	-2.016	0.862	1.428	-2.176	0.897
1.547	-2.283	0.828	1.468	-2.211	0.862	1.501	-1.961	0.897
1.582	-2.287	0.828	1.614	-2.251	0.862	1.472	-1.887	0.897
1.633	-2.195	0.828	1.386	-1.622	0.862	1.386	-2.098	0.897
1.638	-2.229	0.828	1.608	-2.183	0.862	1.599	-2.239	0.897
1.503	-1.860	0.828	1.428	-2.135	0.862	1.586	-2.270	0.897
1.637	-2.212	0.828	1.572	-2.091	0.862	1.467	-2.252	0.897
1.634	-2.245	0.828	1.526	-2.288	0.862	1.541	-2.297	0.897
1.383	-2.019	0.828	1.519	-1.954	0.862	1.343	-1.566	0.897
1.564	-2.287	0.828	1.448	-2.173	0.862	1.559	-2.292	0.897
1.410	-2.067	0.828	1.488	-2.248	0.862	1.346	-2.024	0.897
1.614	-2.273	0.828	1.614	-2.201	0.862	1.523	-2.297	0.897
1.626	-2.177	0.828	1.498	-2.265	0.862	1.490	-2.283	0.897
1.443	-1.711	0.828	1.606	-2.266	0.862	1.574	-2.283	0.897
1.599	-2.282	0.828	1.579	-2.288	0.862	1.448	-2.215	0.897
1.519	-2.260	0.828	1.618	-2.218	0.862	1.408	-2.138	0.897
1.447	-2.131	0.828	1.365	-2.022	0.862	1.525	-2.021	0.897
1.400	-1.605	0.828	1.511	-2.279	0.862	1.506	-2.292	0.897
1.532	-2.273	0.828	1.352	-1.540	0.862	1.594	-2.255	0.897
1.468	-2.168	0.828	1.601	-2.165	0.862	1.478	-2.269	0.897
1.369	-1.529	0.828	1.544	-2.293	0.862	1.582	-2.169	0.897
1.626	-2.260	0.828	1.426	-1.720	0.862	1.589	-2.187	0.897
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.744	1.610	0.931	-1.388	1.396	0.966	-1.304	1.586	1.000
-1.208	1.595	0.931	-1.350	1.508	0.966	-1.025	1.293	1.000
-1.027	1.231	0.931	-1.090	1.269	0.966	-1.362	1.364	1.000
-1.082	1.635	0.931	-1.387	1.374	0.966	-1.197	1.658	1.000
-1.125	1.233	0.931	-1.223	1.616	0.966	-0.851	1.679	1.000
-0.871	1.212	0.931	-1.155	1.271	0.966	-1.155	1.307	1.000
-1.319	1.523	0.931	-1.261	1.594	0.966	-1.284	1.318	1.000
-1.399	1.367	0.931	-0.839	1.654	0.966	-1.377	1.439	1.000
-1.349	1.491	0.931	-1.378	1.330	0.966	-0.948	1.278	1.000
-1.396	1.390	0.931	-1.001	1.670	0.966	-1.235	1.638	1.000
-0.721	1.166	0.931	-1.368	1.476	0.966	-1.350	1.347	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	1.192	0.931	-1.024	1.265	0.966	-0.794	1.663	1.000
-1.256	1.229	0.931	-1.354	1.296	0.966	-1.329	1.558	1.000
-1.285	1.551	0.931	-1.296	1.568	0.966	-1.156	1.673	1.000
-1.360	1.247	0.931	-0.787	1.641	0.966	-1.220	1.311	1.000
-1.400	1.345	0.931	-1.141	1.648	0.966	-0.873	1.257	1.000
-1.248	1.575	0.931	-1.253	1.272	0.966	-0.723	1.637	1.000
-1.319	1.232	0.931	-1.056	1.666	0.966	-1.371	1.384	1.000
-0.878	1.640	0.931	-0.893	1.664	0.966	-1.090	1.302	1.000
-1.341	1.238	0.931	-0.794	1.214	0.966	-1.114	1.685	1.000
-1.370	1.460	0.931	-1.285	1.274	0.966	-1.272	1.615	1.000
-1.398	1.322	0.931	-1.336	1.285	0.966	-1.072	1.692	1.000
-1.223	1.230	0.931	-1.327	1.538	0.966	-0.909	1.690	1.000
-1.386	1.426	0.931	-0.869	1.237	0.966	-1.028	1.696	1.000
-1.125	1.625	0.931	-1.381	1.440	0.966	-1.252	1.314	1.000
-0.811	1.628	0.931	-0.721	1.619	0.966	-1.314	1.325	1.000
-1.288	1.229	0.931	-1.385	1.352	0.966	-1.365	1.493	1.000
-1.015	1.644	0.931	-1.315	1.278	0.966	-1.373	1.466	1.000
-1.387	1.278	0.931	-1.099	1.659	0.966	-1.350	1.527	1.000
-1.394	1.300	0.931	-0.947	1.669	0.966	-0.799	1.229	1.000
-1.167	1.612	0.931	-0.946	1.254	0.966	-0.728	1.196	1.000
-0.946	1.646	0.931	-1.368	1.311	0.966	-0.969	1.696	1.000
-0.948	1.225	0.931	-1.386	1.419	0.966	-1.376	1.411	1.000
-1.375	1.261	0.931	-1.220	1.272	0.966	-1.333	1.334	1.000
0.131	0.846	0.931	-0.721	1.184	0.966	-0.445	1.469	1.000
-0.442	0.995	0.931	-1.183	1.634	0.966	-0.659	1.158	1.000
-0.211	0.761	0.931	-0.478	1.487	0.966	0.058	0.919	1.000
-0.037	1.067	0.931	-0.536	1.526	0.966	-0.365	0.923	1.000
-0.095	1.135	0.931	-0.092	0.604	0.966	-0.162	1.195	1.000
-0.577	1.092	0.931	0.047	0.391	0.966	-0.524	1.527	1.000
-0.678	1.587	0.931	-0.102	1.134	0.966	-0.229	1.268	1.000
0.054	0.382	0.931	-0.271	0.832	0.966	-0.370	1.406	1.000
-0.493	1.491	0.931	-0.658	1.592	0.966	-0.654	1.605	1.000
-0.160	0.698	0.931	-0.218	0.770	0.966	-0.433	0.988	1.000
-0.552	1.527	0.931	-0.327	0.892	0.966	-0.181	0.712	1.000
-0.155	1.201	0.931	-0.036	1.054	0.966	-0.505	1.049	1.000
-0.649	1.132	0.931	-0.386	0.950	0.966	0.100	0.288	1.000
-0.380	0.940	0.931	-0.448	1.005	0.966	-0.035	1.043	1.000
-0.217	1.265	0.931	-0.167	0.707	0.966	-0.300	0.855	1.000
-0.614	1.559	0.931	-0.318	1.358	0.966	-0.034	0.505	1.000
-0.349	1.385	0.931	0.128	0.833	0.966	-0.298	1.339	1.000
0.119	0.272	0.931	-0.581	1.105	0.966	-0.105	0.610	1.000
-0.282	1.327	0.931	0.048	0.945	0.966	0.035	0.397	1.000
-0.320	0.883	0.931	-0.396	1.425	0.966	-0.098	1.120	1.000
-0.419	1.440	0.931	-0.243	1.286	0.966	-0.239	0.785	1.000
-0.085	0.595	0.931	-0.020	0.499	0.966	-0.580	1.106	1.000
-0.014	0.489	0.931	0.112	0.281	0.966	0.146	0.791	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.264	0.823	0.931	-0.651	1.148	0.966	-0.588	1.568	1.000
0.050	0.958	0.931	-0.596	1.561	0.966	0.275	-0.032	1.000
-0.508	1.046	0.931	-0.513	1.057	0.966	0.359	-0.195	1.000
0.230	0.073	0.931	-0.171	1.212	0.966	0.389	0.393	1.000
0.210	0.732	0.931	0.831	-0.463	0.966	0.757	-0.332	1.000
0.544	-0.536	0.931	0.617	-0.695	0.966	0.190	0.129	1.000
0.441	-0.332	0.931	0.726	-0.236	0.966	0.607	-0.019	1.000
0.856	-1.151	0.931	0.786	-0.365	0.966	0.897	-1.286	1.000
0.742	-0.928	0.931	0.537	0.145	0.966	0.521	-0.521	1.000
0.463	0.312	0.931	0.871	-0.551	0.966	0.672	-0.831	1.000
0.628	0.000	0.931	0.687	-0.838	0.966	0.880	-0.605	1.000
0.739	-0.226	0.931	0.202	0.122	0.966	0.601	-0.686	1.000
0.845	-0.455	0.931	0.934	-0.692	0.966	0.752	-0.995	1.000
0.973	-1.373	0.931	0.279	0.602	0.966	0.464	0.257	1.000
0.949	-0.685	0.931	0.949	-1.356	0.966	0.854	-0.546	1.000
0.547	0.157	0.931	0.841	-1.146	0.966	0.440	-0.358	1.000
0.285	0.616	0.931	0.453	-0.365	0.966	0.715	-0.243	1.000
0.699	-0.844	0.931	0.371	-0.202	0.966	0.936	-1.363	1.000
0.889	-0.552	0.931	0.287	-0.039	0.966	0.824	-1.141	1.000
0.376	0.465	0.931	0.616	-0.011	0.966	0.974	-0.819	1.000
0.337	-0.129	0.931	0.454	0.299	0.966	0.980	-1.449	1.000
0.931	-1.294	0.931	0.205	0.718	0.966	0.312	0.528	1.000
0.629	-0.704	0.931	0.534	-0.528	0.966	0.231	0.660	1.000
0.782	-1.008	0.931	0.664	-0.109	0.966	0.920	-0.696	1.000
1.084	-0.997	0.931	0.735	-0.936	0.966	0.536	0.120	1.000
1.212	-1.299	0.931	0.368	0.452	0.966	0.819	-0.468	1.000
1.018	-1.456	0.931	1.043	-1.534	0.966	0.714	-0.918	1.000
1.095	-1.600	0.931	1.000	-1.453	0.966	1.187	-1.841	1.000
1.326	-2.025	0.931	1.305	-2.023	0.966	1.045	-1.573	1.000
1.148	-1.148	0.931	1.068	-1.002	0.966	1.100	-1.678	1.000
1.226	-1.841	0.931	1.253	-1.441	0.966	1.175	-1.296	1.000
1.049	-0.916	0.931	1.122	-1.682	0.966	1.018	-0.924	1.000
1.305	-1.522	0.931	1.318	-1.600	0.966	1.014	-1.514	1.000
1.270	-1.439	0.931	1.287	-1.524	0.966	1.283	-2.019	1.000
1.264	-1.911	0.931	1.132	-1.153	0.966	1.156	-1.783	1.000
1.056	-1.527	0.931	1.201	-1.829	0.966	1.277	-1.542	1.000
1.186	-1.768	0.931	0.995	-0.833	0.966	1.235	-1.441	1.000
1.007	-0.818	0.931	1.195	-1.304	0.966	1.056	-1.011	1.000
1.141	-1.684	0.931	1.033	-0.922	0.966	1.308	-1.619	1.000
1.566	-2.271	0.931	1.244	-1.909	0.966	1.222	-1.905	1.000
1.433	-1.837	0.931	1.437	-2.269	0.966	1.115	-1.153	1.000
1.539	-2.293	0.931	1.544	-2.168	0.966	1.353	-1.728	1.000
1.574	-2.256	0.931	1.371	-1.731	0.966	1.535	-2.246	1.000
1.580	-2.223	0.931	1.534	-2.281	0.966	1.365	-2.172	1.000
1.457	-2.270	0.931	1.560	-2.220	0.966	1.526	-2.261	1.000
1.408	-2.178	0.931	1.406	-2.215	0.966	1.397	-1.838	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.534	-2.097	0.931	1.483	-2.295	0.966	1.345	-2.134	1.000
1.427	-2.216	0.931	1.450	-2.282	0.966	1.500	-2.283	1.000
1.579	-2.240	0.931	1.560	-2.237	0.966	1.525	-2.162	1.000
1.470	-2.284	0.931	1.426	-2.252	0.966	1.386	-2.210	1.000
1.521	-2.298	0.931	1.502	-2.295	0.966	1.482	-2.288	1.000
1.503	-2.298	0.931	1.552	-2.186	0.966	1.446	-2.285	1.000
1.485	-2.293	0.931	1.487	-2.022	0.966	1.468	-2.017	1.000
1.347	-1.624	0.931	1.516	-2.095	0.966	1.540	-2.208	1.000
1.387	-2.140	0.931	1.424	-1.863	0.966	1.496	-2.090	1.000
1.506	-2.023	0.931	1.557	-2.203	0.966	1.464	-2.289	1.000
1.446	-2.254	0.931	1.367	-2.139	0.966	1.427	-1.916	1.000
1.473	-1.940	0.931	1.387	-2.177	0.966	1.417	-2.263	1.000
1.570	-2.188	0.931	1.519	-2.290	0.966	1.540	-2.230	1.000
1.576	-2.206	0.931	1.465	-2.291	0.966	1.514	-2.273	1.000
1.563	-2.170	0.931	1.546	-2.268	0.966	1.406	-2.247	1.000
1.390	-1.730	0.931	1.454	-1.939	0.966	1.430	-2.276	1.000
1.554	-2.284	0.931	1.555	-2.254	0.966	1.535	-2.185	1.000

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2. 如权利要求 1 所述的涡轮叶片, 其特征为, 它形成第二级涡轮的一部分。

3. 如权利要求 1 所述的涡轮叶片, 其特征为, Z 值是从沿着涡轮轴线半径的叶片中心线与通过涡轮流道的根部半径的交点测量的。

4. 如权利要求 1 所述的涡轮叶片, 其特征为, 翼面叶片的根部半径为 46.530 英寸, 翼面叶片自根部半径的高度为 13.63 英寸。

5. 一种涡轮叶片, 它具有基本上按照表 1 的 X、Y 和 Z 笛卡儿坐标值的没有涂层的名义翼面轮廓, 其中, Z 为沿着与涡轮回转轴线半径方向一致的叶片中心线的无因次值, 通过将 Z 值乘以翼面高度, 并将其乘积与叶片的根部半径相加, 可将该无因次值转换为以英寸表示的 Z 距离; 其中, X 和 Y 为确定在每一个距离 Z 处的翼面轮廓的以英寸表示的距离, 在 Z 距离处的轮廓互相平滑地连接, 形成一个完整的翼面形状; X 和 Y 距离可作为同一个常数或数字的函数按比例改变, 形成比例放大或缩小的叶片翼面, 其中:

表 1

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.672	0.175	0.000	-1.522	0.173	0.035	-1.697	0.458	0.069
-1.429	0.908	0.000	-1.268	0.141	0.035	-1.477	0.201	0.069
-1.614	0.152	0.000	-1.684	0.229	0.035	-1.701	0.310	0.069
-1.734	0.278	0.000	-1.406	0.936	0.035	-1.351	0.182	0.069
-1.725	0.378	0.000	-1.722	0.352	0.035	-1.561	0.745	0.069
-1.631	0.612	0.000	-1.538	0.771	0.035	-1.589	0.225	0.069
-1.485	0.134	0.000	-1.597	0.188	0.035	-1.705	0.425	0.069
-1.496	0.825	0.000	-1.722	0.319	0.035	-1.663	0.557	0.069
-1.731	0.344	0.000	-1.664	0.215	0.035	-1.599	0.684	0.069
-1.693	0.480	0.000	-1.475	0.855	0.035	-1.520	0.803	0.069
-1.518	0.137	0.000	-1.615	0.648	0.035	-1.420	0.925	0.069
-1.357	0.987	0.000	-1.711	0.418	0.035	-1.515	0.208	0.069
-1.557	0.737	0.000	-1.678	0.519	0.035	-1.472	0.865	0.069
-1.734	0.311	0.000	-1.358	0.151	0.035	-1.707	0.334	0.069
-1.453	0.130	0.000	-1.718	0.385	0.035	-1.710	0.360	0.069
-1.692	0.188	0.000	-1.485	0.167	0.035	-1.690	0.288	0.069
-1.273	0.113	0.000	-1.632	0.199	0.035	-1.709	0.392	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.664	0.547	0.000	-1.271	1.065	0.035	-1.440	0.195	0.069
-1.644	0.161	0.000	-1.711	0.269	0.035	-1.307	1.034	0.069
-1.721	0.228	0.000	-1.447	0.162	0.035	-1.261	0.170	0.069
-1.582	0.146	0.000	-1.648	0.584	0.035	-1.365	0.981	0.069
-1.730	0.252	0.000	-1.578	0.710	0.035	-1.688	0.490	0.069
-1.596	0.675	0.000	-1.702	0.451	0.035	-1.623	0.238	0.069
-1.716	0.411	0.000	-1.331	1.011	0.035	-1.552	0.216	0.069
-1.298	1.044	0.000	-1.718	0.294	0.035	-1.633	0.622	0.069
-1.709	0.206	0.000	-1.560	0.179	0.035	-1.674	0.270	0.069
-1.550	0.141	0.000	-1.700	0.247	0.035	-1.656	0.255	0.069
-1.059	0.087	0.000	-1.207	1.114	0.035	-0.895	1.268	0.069
-0.960	1.265	0.000	-0.850	1.289	0.035	-1.180	1.132	0.069
-1.033	1.232	0.000	-1.054	0.112	0.035	-0.941	0.120	0.069
-0.885	1.293	0.000	-0.999	1.237	0.035	-0.807	0.091	0.069
-0.952	0.069	0.000	-0.813	0.066	0.035	-1.101	0.148	0.069
-1.172	1.147	0.000	-1.141	1.160	0.035	-0.819	1.288	0.069
-0.818	0.041	0.000	-1.161	0.127	0.035	-1.112	1.174	0.069
-1.104	1.192	0.000	-0.947	0.094	0.035	-1.042	1.211	0.069
-0.809	1.314	0.000	-0.926	1.266	0.035	-0.969	1.243	0.069
-1.237	1.097	0.000	-1.071	1.201	0.035	-1.245	1.085	0.069
-1.166	0.101	0.000	-0.680	0.031	0.035	-0.505	1.302	0.069
-0.554	-0.034	0.000	-0.145	1.197	0.035	0.175	0.982	0.069
-0.025	1.136	0.000	-0.299	1.263	0.035	-0.050	-0.208	0.069
-0.649	1.333	0.000	-0.296	-0.109	0.035	-0.349	1.270	0.069
-0.250	1.256	0.000	-0.071	1.157	0.035	-0.273	1.245	0.069
0.062	-0.326	0.000	-0.615	1.319	0.035	-0.544	0.016	0.069
-0.426	-0.081	0.000	-0.054	-0.232	0.035	-0.291	-0.084	0.069
-0.098	1.181	0.000	-0.773	1.306	0.035	-0.585	1.308	0.069
-0.685	0.007	0.000	-0.422	-0.056	0.035	0.066	-0.278	0.069
-0.177	-0.193	0.000	-0.221	1.233	0.035	-0.742	1.301	0.069
-0.300	-0.134	0.000	0.001	1.113	0.035	-0.664	1.308	0.069
-0.056	-0.257	0.000	0.156	1.001	0.035	-0.196	1.214	0.069
-0.408	1.307	0.000	0.070	1.065	0.035	-0.416	-0.031	0.069
-0.173	1.221	0.000	-0.535	1.315	0.035	0.023	1.094	0.069
0.132	1.024	0.000	-0.695	1.316	0.035	-0.170	-0.143	0.069
-0.488	1.323	0.000	-0.376	1.286	0.035	-0.427	1.289	0.069
-0.329	1.285	0.000	0.064	-0.302	0.035	-0.674	0.057	0.069
-0.730	1.327	0.000	-0.174	-0.168	0.035	0.091	1.046	0.069
0.046	1.089	0.000	-0.550	-0.010	0.035	-0.121	1.178	0.069
-0.568	1.331	0.000	-0.455	1.304	0.035	-0.048	1.138	0.069
0.746	-0.844	0.000	0.886	-0.958	0.035	0.707	0.429	0.069
0.528	-0.659	0.000	0.238	0.932	0.035	0.484	0.691	0.069
1.029	-1.112	0.000	0.301	-0.462	0.035	0.335	0.842	0.069
0.450	0.730	0.000	0.469	0.708	0.035	0.185	-0.357	0.069
0.638	-0.750	0.000	0.415	-0.548	0.035	0.302	-0.440	0.069
0.301	-0.485	0.000	0.184	-0.379	0.035	0.912	0.152	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.682	0.466	0.000	0.905	0.167	0.035	0.741	-0.808	0.069
1.096	-0.105	0.000	0.744	-0.825	0.035	0.882	-0.943	0.069
0.416	-0.570	0.000	1.100	-0.122	0.035	1.009	0.009	0.069
0.297	0.883	0.000	0.527	-0.638	0.035	0.527	-0.619	0.069
0.183	-0.404	0.000	0.637	-0.730	0.035	0.411	0.767	0.069
0.375	0.808	0.000	0.696	0.445	0.035	0.257	0.913	0.069
0.889	-0.976	0.000	1.025	-1.096	0.035	1.019	-1.082	0.069
0.568	0.600	0.000	1.004	0.024	0.035	0.635	-0.712	0.069
0.896	0.186	0.000	0.585	0.579	0.035	0.415	-0.528	0.069
0.216	0.955	0.000	0.802	0.308	0.035	0.598	0.562	0.069
0.791	0.327	0.000	0.395	0.785	0.035	1.102	-0.137	0.069
0.998	0.042	0.000	0.318	0.860	0.035	0.811	0.292	0.069
1.259	-0.365	0.000	1.291	-1.381	0.035	1.347	-0.553	0.069
1.305	-0.442	0.000	1.571	-0.951	0.035	1.192	-0.284	0.069
1.533	-1.663	0.000	1.612	-1.034	0.035	1.602	-1.044	0.069
1.415	-0.633	0.000	1.514	-0.840	0.035	1.462	-0.768	0.069
1.360	-0.535	0.000	1.159	-1.237	0.035	1.409	-1.519	0.069
1.521	-0.826	0.000	1.465	-0.747	0.035	1.283	-1.371	0.069
1.621	-1.022	0.000	1.411	-0.648	0.035	1.153	-1.225	0.069
1.576	-0.932	0.000	1.193	-0.270	0.035	1.493	-1.622	0.069
1.298	-1.394	0.000	1.523	-1.653	0.035	1.301	-0.471	0.069
1.191	-0.253	0.000	1.419	-1.528	0.035	1.550	-0.940	0.069
1.427	-1.540	0.000	1.304	-0.458	0.035	1.505	-0.851	0.069
1.481	-0.752	0.000	1.366	-0.567	0.035	1.562	-1.709	0.069
1.165	-1.252	0.000	1.625	-1.780	0.035	1.405	-0.660	0.069
1.979	-2.217	0.000	2.039	-2.210	0.035	1.865	-2.124	0.069
1.898	-2.139	0.000	2.046	-2.014	0.035	2.059	-2.167	0.069
2.087	-2.182	0.000	1.894	-2.149	0.035	2.065	-2.149	0.069
2.057	-2.210	0.000	1.968	-2.219	0.035	1.986	-2.221	0.069
2.103	-2.145	0.000	2.059	-2.045	0.035	1.920	-2.200	0.069
1.934	-2.187	0.000	2.068	-2.184	0.035	2.049	-2.185	0.069
1.906	-1.636	0.000	1.724	-1.910	0.035	1.851	-2.103	0.069
2.005	-2.222	0.000	1.922	-2.187	0.035	2.026	-2.016	0.069
1.881	-2.113	0.000	1.866	-2.108	0.035	2.039	-2.048	0.069
2.097	-2.164	0.000	2.082	-2.107	0.035	1.951	-2.218	0.069
2.105	-2.124	0.000	1.880	-2.128	0.035	1.935	-2.211	0.069
2.078	-2.042	0.000	1.666	-1.144	0.035	2.062	-2.109	0.069
1.916	-2.164	0.000	1.986	-2.222	0.035	1.866	-1.628	0.069
1.718	-1.220	0.000	1.770	-1.368	0.035	1.710	-1.904	0.069
1.997	-1.851	0.000	2.033	-1.982	0.035	2.066	-2.129	0.069
2.102	-2.104	0.000	2.072	-2.077	0.035	1.968	-2.221	0.069
2.073	-2.198	0.000	1.908	-2.169	0.035	1.963	-1.860	0.069
1.835	-2.047	0.000	1.820	-1.479	0.035	2.014	-1.985	0.069
2.040	-2.217	0.000	1.880	-1.617	0.035	1.742	-1.345	0.069
2.051	-1.979	0.000	2.085	-2.127	0.035	1.879	-2.144	0.069
2.065	-2.010	0.000	2.084	-2.147	0.035	1.906	-2.184	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.834	-1.471	0.000	1.928	-1.730	0.035	1.892	-2.164	0.069
1.877	-1.570	0.000	1.937	-2.203	0.035	1.652	-1.150	0.069
2.023	-2.221	0.000	1.707	-1.231	0.035	1.781	-2.003	0.069
1.955	-2.205	0.000	2.078	-2.166	0.035	1.694	-1.239	0.069
1.637	-1.789	0.000	2.022	-2.218	0.035	2.052	-2.079	0.069
1.787	-1.981	0.000	2.004	-2.221	0.035	1.645	-1.817	0.069
1.738	-1.916	0.000	2.054	-2.199	0.035	2.003	-2.218	0.069
1.772	-1.336	0.000	1.820	-2.041	0.035	2.036	-2.200	0.069
2.092	-2.073	0.000	1.772	-1.975	0.035	1.911	-1.735	0.069
1.673	-1.126	0.000	1.952	-2.212	0.035	1.805	-1.486	0.069
1.944	-1.724	0.000	1.981	-1.856	0.035	2.020	-2.211	0.069
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.155	1.149	0.103	-1.635	0.334	0.138	-1.304	1.060	0.172
-1.506	0.244	0.103	-1.662	0.566	0.138	-1.485	0.320	0.172
-1.221	1.106	0.103	-1.679	0.503	0.138	-1.671	0.453	0.172
-1.698	0.400	0.103	-1.653	0.349	0.138	-1.418	0.957	0.172
-1.503	0.836	0.103	-1.324	1.033	0.138	-1.665	0.429	0.172
-0.792	1.289	0.103	-1.668	0.368	0.138	-1.623	0.373	0.172
-1.649	0.594	0.103	-1.686	0.439	0.138	-1.641	0.388	0.172
-1.094	0.178	0.103	-1.435	0.926	0.138	-1.659	0.573	0.172
-1.579	0.263	0.103	-1.459	0.273	0.138	-1.622	0.668	0.172
-1.618	0.658	0.103	-1.683	0.414	0.138	-1.592	0.355	0.172
-1.453	0.896	0.103	-1.569	0.302	0.138	-1.553	0.789	0.172
-1.015	1.222	0.103	-1.422	0.266	0.138	-1.322	0.287	0.172
-1.583	0.719	0.103	-1.678	0.390	0.138	-1.522	0.329	0.172
-1.432	0.230	0.103	-1.604	0.694	0.138	-1.667	0.541	0.172
-1.343	0.215	0.103	-1.333	0.250	0.138	-1.513	0.846	0.172
-1.469	0.237	0.103	-1.684	0.471	0.138	-1.655	0.407	0.172
-0.814	0.122	0.103	-1.264	1.082	0.138	-1.469	0.900	0.172
-1.086	1.188	0.103	-1.636	0.631	0.138	-1.411	0.304	0.172
-1.543	0.253	0.103	-1.603	0.316	0.138	-1.672	0.510	0.172
-1.664	0.310	0.103	-1.486	0.868	0.138	-1.558	0.341	0.172
-1.400	0.953	0.103	-1.568	0.754	0.138	-1.673	0.478	0.172
-1.344	1.007	0.103	-1.529	0.812	0.138	-1.448	0.312	0.172
-1.614	0.277	0.103	-1.496	0.282	0.138	-1.590	0.730	0.172
-0.867	1.273	0.103	-1.533	0.291	0.138	-1.649	0.604	0.172
-1.689	0.350	0.103	-1.381	0.982	0.138	-1.363	1.010	0.172
-1.675	0.528	0.103	-1.671	0.535	0.138	-0.893	1.271	0.172
-1.679	0.328	0.103	-0.917	1.260	0.138	-0.916	0.211	0.172
-0.942	1.251	0.103	-1.132	1.168	0.138	-1.243	1.106	0.172
-1.285	1.058	0.103	-1.244	0.236	0.138	-1.178	1.149	0.172
-1.697	0.432	0.103	-0.842	1.279	0.138	-0.796	0.182	0.172
-1.545	0.779	0.103	-0.926	0.179	0.138	-1.040	1.220	0.172
-0.934	0.149	0.103	-0.806	0.151	0.138	-1.074	0.244	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.695	0.374	0.103	-1.062	1.204	0.138	-0.819	1.287	0.172
-1.692	0.465	0.103	-0.991	1.234	0.138	-1.234	0.272	0.172
-1.253	0.202	0.103	-1.085	0.210	0.138	-1.110	1.187	0.172
-1.646	0.295	0.103	-1.199	1.127	0.138	-0.968	1.248	0.172
-1.684	0.497	0.103	-0.380	1.269	0.138	-0.125	-0.090	0.172
-0.029	1.122	0.103	-0.767	1.292	0.138	-0.591	1.302	0.172
-0.402	1.277	0.103	-0.082	1.150	0.138	-0.436	1.282	0.172
-0.250	1.231	0.103	-0.155	1.187	0.138	-0.678	0.148	0.172
-0.350	-0.031	0.103	-0.535	1.296	0.138	-0.562	0.110	0.172
-0.578	0.055	0.103	-0.028	-0.172	0.138	-0.513	1.295	0.172
-0.136	-0.135	0.103	0.073	-0.236	0.138	-0.448	0.067	0.172
-0.325	1.257	0.103	-0.236	-0.057	0.138	0.054	1.067	0.172
-0.637	1.303	0.103	-0.230	1.220	0.138	0.137	1.008	0.172
-0.100	1.163	0.103	-0.131	-0.112	0.138	-0.212	1.212	0.172
-0.174	1.199	0.103	-0.690	1.300	0.138	-0.031	1.121	0.172
0.041	1.078	0.103	-0.457	1.285	0.138	-0.023	-0.151	0.172
0.069	-0.256	0.103	-0.687	0.119	0.138	-0.360	1.264	0.172
-0.715	1.299	0.103	0.124	1.018	0.138	-0.230	-0.034	0.172
-0.695	0.091	0.103	-0.456	0.040	0.138	0.076	-0.217	0.172
-0.463	0.014	0.103	-0.613	1.301	0.138	-0.667	1.303	0.172
0.109	1.031	0.103	-0.570	0.082	0.138	-0.120	1.170	0.172
-0.242	-0.081	0.103	-0.304	1.247	0.138	-0.337	0.019	0.172
-0.558	1.301	0.103	-0.012	1.110	0.138	-0.285	1.240	0.172
-0.480	1.292	0.103	-0.344	-0.006	0.138	-0.743	1.298	0.172
-0.032	-0.193	0.103	0.057	1.065	0.138	0.994	-1.058	0.172
1.101	-0.149	0.103	1.134	-1.209	0.138	0.625	-0.674	0.172
0.525	-0.602	0.103	1.010	-0.015	0.138	0.726	0.393	0.172
0.715	0.415	0.103	0.415	-0.494	0.138	1.095	-0.169	0.172
1.012	-1.071	0.103	0.505	0.665	0.138	1.122	-1.205	0.172
0.633	-0.697	0.103	0.524	-0.588	0.138	0.513	0.655	0.172
0.877	-0.931	0.103	0.870	-0.921	0.138	0.192	-0.300	0.172
0.303	-0.421	0.103	0.190	-0.317	0.138	0.305	-0.388	0.172
0.818	0.278	0.103	0.721	0.403	0.138	0.727	-0.774	0.172
1.010	-0.004	0.103	0.361	0.815	0.138	0.371	0.805	0.172
0.424	0.753	0.103	0.918	0.127	0.138	0.824	0.257	0.172
0.415	-0.510	0.103	1.099	-0.160	0.138	0.862	-0.914	0.172
0.272	0.898	0.103	0.304	-0.404	0.138	0.218	0.944	0.172
0.738	-0.794	0.103	0.434	0.741	0.138	0.295	0.876	0.172
0.608	0.548	0.103	0.206	0.954	0.138	0.918	0.117	0.172
0.916	0.138	0.103	0.629	-0.684	0.138	1.009	-0.025	0.172
0.496	0.676	0.103	0.822	0.267	0.138	0.443	0.731	0.172
1.144	-1.216	0.103	0.733	-0.783	0.138	0.521	-0.576	0.172
0.188	-0.336	0.103	1.004	-1.063	0.138	0.622	0.526	0.172
0.349	0.827	0.103	0.616	0.536	0.138	0.414	-0.480	0.172
0.192	0.966	0.103	0.285	0.886	0.138	1.538	-1.020	0.172
1.390	-0.657	0.103	1.241	-0.406	0.138	1.247	-1.355	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.680	-1.247	0.103	1.384	-1.508	0.138	1.518	-1.699	0.172
1.742	-1.386	0.103	1.453	-1.595	0.138	1.587	-1.127	0.172
1.890	-2.180	0.103	1.185	-0.306	0.138	1.424	-0.782	0.172
1.918	-2.209	0.103	1.436	-0.774	0.138	1.179	-0.316	0.172
2.046	-2.149	0.103	1.495	-0.894	0.138	1.313	-1.437	0.172
1.846	-1.626	0.103	1.609	-1.132	0.138	1.254	-0.453	0.172
1.849	-2.120	0.103	1.534	-1.701	0.138	1.369	-1.506	0.172
1.904	-2.198	0.103	1.384	-0.672	0.138	1.443	-1.602	0.172
1.463	-1.594	0.103	1.614	-1.807	0.138	1.487	-0.913	0.172
1.968	-2.221	0.103	1.552	-1.013	0.138	1.358	-0.652	0.172
1.933	-2.216	0.103	1.260	-1.358	0.138	1.179	-1.273	0.172
1.397	-1.513	0.103	1.313	-0.539	0.138	1.304	-0.547	0.172
2.042	-2.110	0.103	1.854	-2.147	0.138	1.592	-1.797	0.172
1.893	-1.739	0.103	1.968	-2.219	0.138	2.004	-2.169	0.172
1.272	-1.363	0.103	1.950	-2.222	0.138	2.001	-2.112	0.172
1.863	-2.140	0.103	1.837	-2.121	0.138	1.735	-1.994	0.172
1.446	-0.765	0.103	2.027	-2.150	0.138	1.647	-1.260	0.172
2.041	-2.168	0.103	1.933	-2.220	0.138	1.774	-2.049	0.172
1.549	-1.704	0.103	1.715	-1.369	0.138	1.706	-1.393	0.172
1.994	-1.986	0.103	1.771	-1.497	0.138	1.873	-2.193	0.172
1.950	-2.221	0.103	1.751	-1.996	0.138	2.006	-2.131	0.172
1.986	-2.218	0.103	1.948	-1.924	0.138	1.900	-2.215	0.172
1.877	-2.160	0.103	1.902	-2.207	0.138	1.886	-2.205	0.172
2.018	-2.200	0.103	1.916	-2.216	0.138	1.983	-2.202	0.172
1.695	-1.900	0.103	2.022	-2.168	0.138	1.916	-2.220	0.172
1.630	-1.140	0.103	2.000	-2.201	0.138	1.967	-2.213	0.172
2.006	-2.018	0.103	1.664	-1.254	0.138	1.664	-1.895	0.172
1.267	-0.431	0.103	2.021	-2.111	0.138	1.803	-1.619	0.172
2.046	-2.130	0.103	1.826	-1.625	0.138	1.995	-2.187	0.172
1.633	-1.815	0.103	2.011	-2.081	0.138	1.951	-2.219	0.172
1.789	-1.492	0.103	1.871	-2.172	0.138	1.839	-2.144	0.172
1.836	-2.099	0.103	2.013	-2.186	0.138	1.753	-1.502	0.172
1.566	-1.005	0.103	1.974	-1.988	0.138	1.985	-2.072	0.172
2.002	-2.211	0.103	1.680	-1.897	0.138	1.905	-1.867	0.172
1.321	-0.529	0.103	1.998	-2.050	0.138	1.855	-1.745	0.172
2.031	-2.185	0.103	1.820	-2.096	0.138	2.007	-2.150	0.172
1.944	-1.863	0.103	2.026	-2.131	0.138	1.822	-2.119	0.172
2.032	-2.080	0.103	1.925	-1.865	0.138	1.933	-2.222	0.172
1.510	-0.891	0.103	1.985	-2.212	0.138	1.969	-2.031	0.172
1.766	-1.999	0.103	1.986	-2.019	0.138	1.804	-2.093	0.172
1.189	-0.296	0.103	1.888	-2.195	0.138	1.856	-2.169	0.172
2.019	-2.049	0.103	1.874	-1.742	0.138	1.953	-1.990	0.172
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.659	0.547	0.207	-1.574	0.781	0.241	-1.459	0.954	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.345	1.039	0.207	-1.597	0.450	0.241	-1.420	0.996	0.276
-1.398	0.343	0.207	-1.532	0.419	0.241	-1.560	0.816	0.276
-1.453	0.932	0.207	-1.634	0.647	0.241	-1.557	0.473	0.276
-1.472	0.360	0.207	-1.566	0.432	0.241	-1.633	0.567	0.276
-1.435	0.351	0.207	-1.615	0.465	0.241	-1.611	0.715	0.276
-1.525	0.842	0.207	-1.601	0.730	0.241	-1.529	0.864	0.276
-1.614	0.694	0.207	-1.267	1.114	0.241	-1.634	0.622	0.276
-1.545	0.380	0.207	-1.459	0.400	0.241	-1.528	0.461	0.276
-1.579	0.393	0.207	-1.646	0.529	0.241	-1.371	0.425	0.276
-1.310	0.326	0.207	-1.639	0.506	0.241	-1.588	0.767	0.276
-1.653	0.467	0.207	-1.208	0.350	0.241	-1.366	1.048	0.276
-1.401	0.987	0.207	-0.774	0.249	0.241	-1.498	0.452	0.276
-1.646	0.610	0.207	0.160	0.993	0.241	-1.402	0.431	0.276
-1.658	0.491	0.207	0.080	1.053	0.241	-1.616	0.522	0.276
-1.628	0.427	0.207	-0.624	1.316	0.241	-1.601	0.504	0.276
-1.661	0.516	0.207	-0.114	-0.048	0.241	-1.308	1.097	0.276
-1.643	0.446	0.207	-0.658	0.211	0.241	-1.635	0.591	0.276
-1.588	0.745	0.207	-0.699	1.316	0.241	-1.466	0.445	0.276
-1.610	0.412	0.207	-0.091	1.160	0.241	-1.626	0.544	0.276
-1.558	0.795	0.207	-1.437	0.964	0.241	-1.434	0.438	0.276
-1.490	0.888	0.207	0.083	-0.183	0.241	-1.621	0.684	0.276
-1.285	1.087	0.207	-0.398	1.283	0.241	-1.584	0.489	0.276
-1.509	0.369	0.207	-0.543	0.169	0.241	-1.495	0.910	0.276
-1.654	0.579	0.207	-0.849	1.298	0.241	-1.629	0.654	0.276
-1.636	0.641	0.207	-1.383	1.018	0.241	-1.247	1.141	0.276
-1.221	0.310	0.207	-0.996	1.257	0.241	-0.984	0.346	0.276
-1.157	1.171	0.207	-1.068	1.228	0.241	-0.880	0.320	0.276
-0.871	1.284	0.207	-0.217	0.013	0.241	-1.116	1.218	0.276
-1.063	0.280	0.207	-1.137	1.195	0.241	-0.975	1.276	0.276
-0.905	0.245	0.207	-1.296	0.366	0.241	-1.184	1.181	0.276
-0.786	0.214	0.207	-1.384	0.384	0.241	-1.046	1.250	0.276
-1.018	1.238	0.207	-1.421	0.392	0.241	-1.089	0.370	0.276
-1.223	1.131	0.207	-0.431	0.122	0.241	-0.827	1.313	0.276
-0.945	1.264	0.207	-1.327	1.068	0.241	-1.194	0.391	0.276
-0.796	1.298	0.207	-0.180	1.205	0.241	-0.901	1.297	0.276
-1.089	1.207	0.207	-0.015	-0.113	0.241	-0.752	1.322	0.276
0.067	1.059	0.207	-0.473	1.300	0.241	-0.379	1.286	0.276
-0.416	1.282	0.207	-1.629	0.484	0.241	-0.314	0.097	0.276
-0.668	0.179	0.207	-1.647	0.585	0.241	-0.763	0.285	0.276
-0.019	-0.132	0.207	-0.324	1.262	0.241	-0.010	-0.094	0.276
-0.017	1.114	0.207	-0.893	0.281	0.241	0.091	1.047	0.276
-0.569	1.305	0.207	-0.774	1.310	0.241	-0.306	1.262	0.276
-0.329	0.044	0.207	-1.642	0.616	0.241	-0.210	0.038	0.276
-0.105	1.164	0.207	-1.544	0.830	0.241	-0.453	1.304	0.276
-0.553	0.139	0.207	-1.648	0.554	0.241	-0.602	1.324	0.276
-0.341	1.262	0.207	-0.251	1.236	0.241	-0.077	1.156	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.440	0.094	0.207	-0.322	0.069	0.241	-0.533	0.201	0.276
0.149	1.000	0.207	-1.204	1.156	0.241	-0.165	1.203	0.276
-0.223	-0.010	0.207	-1.496	0.409	0.241	-0.235	1.235	0.276
-0.196	1.208	0.207	-1.475	0.921	0.241	-0.647	0.246	0.276
-0.268	1.237	0.207	-0.548	1.311	0.241	0.009	1.104	0.276
0.080	-0.200	0.207	-1.624	0.678	0.241	-0.422	0.152	0.276
-0.645	1.308	0.207	-1.050	0.318	0.241	-0.109	-0.026	0.276
-0.721	1.306	0.207	-0.923	1.280	0.241	-0.677	1.326	0.276
-0.120	-0.069	0.207	-1.511	0.876	0.241	0.171	0.986	0.276
-0.492	1.296	0.207	-0.004	1.109	0.241	0.086	-0.166	0.276
0.518	-0.566	0.207	1.035	-1.135	0.241	-0.528	1.317	0.276
0.720	-0.767	0.207	1.092	-1.204	0.241	1.076	-0.198	0.276
1.044	-1.128	0.207	0.258	0.911	0.241	0.509	-0.548	0.276
0.413	-0.469	0.207	0.730	0.375	0.241	0.730	0.365	0.276
0.627	0.517	0.207	0.824	0.238	0.241	0.359	0.816	0.276
0.194	-0.285	0.207	0.842	-0.907	0.241	0.911	0.088	0.276
1.090	-0.179	0.207	0.614	-0.658	0.241	0.529	0.627	0.276
0.982	-1.056	0.207	0.525	0.637	0.241	0.267	0.903	0.276
0.620	-0.665	0.207	1.153	-1.279	0.241	0.822	0.228	0.276
0.919	-0.983	0.207	1.163	-0.334	0.241	0.408	-0.447	0.276
1.108	-1.204	0.207	1.484	-1.700	0.241	0.995	-0.054	0.276
0.520	0.646	0.207	1.506	-1.035	0.241	0.703	-0.758	0.276
0.305	-0.375	0.207	1.899	-2.223	0.241	1.029	-1.147	0.276
0.825	0.247	0.207	1.933	-2.215	0.241	0.830	-0.905	0.276
0.433	0.741	0.207	1.882	-2.221	0.241	0.607	-0.652	0.276
0.343	0.832	0.207	1.864	-1.874	0.241	0.304	-0.350	0.276
0.248	0.919	0.207	1.701	-1.992	0.241	0.878	-0.962	0.276
0.853	-0.910	0.207	1.969	-2.153	0.241	1.076	-1.205	0.276
1.005	-0.034	0.207	1.768	-1.639	0.241	0.197	-0.255	0.276
0.917	0.108	0.207	1.867	-2.214	0.241	1.124	-1.266	0.276
0.728	0.384	0.207	1.772	-2.091	0.241	0.954	-1.054	0.276
1.164	-1.272	0.207	1.567	-1.171	0.241	0.632	0.498	0.276
1.522	-1.027	0.207	1.349	-0.699	0.241	0.446	0.723	0.276
1.411	-0.791	0.207	0.630	0.508	0.241	1.490	-1.043	0.276
1.584	-1.809	0.207	1.853	-2.204	0.241	1.197	-1.357	0.276
1.231	-1.354	0.207	1.815	-1.753	0.241	1.314	-0.663	0.276
1.298	-1.438	0.207	1.841	-2.190	0.241	1.317	-1.510	0.276
1.450	-0.874	0.207	1.796	-2.125	0.241	1.382	-1.594	0.276
1.231	-0.436	0.207	1.912	-1.995	0.241	1.382	-0.808	0.276
1.353	-1.507	0.207	0.351	0.824	0.241	1.154	-0.344	0.276
1.355	-0.677	0.207	1.084	-0.188	0.241	1.229	-0.490	0.276
1.417	-1.590	0.207	1.966	-2.134	0.241	1.271	-0.575	0.276
1.592	-1.182	0.207	1.283	-0.565	0.241	1.541	-1.159	0.276
1.172	-0.325	0.207	0.968	-1.055	0.241	1.548	-1.811	0.276
1.501	-1.699	0.207	1.947	-2.204	0.241	1.450	-0.954	0.276
1.294	-0.556	0.207	0.915	0.098	0.241	1.465	-1.702	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.789	-2.092	0.207	1.629	-1.894	0.241	1.269	-1.449	0.276
1.647	-1.894	0.207	1.335	-1.508	0.241	1.899	-2.223	0.276
1.884	-1.870	0.207	0.305	-0.362	0.241	1.756	-2.091	0.276
1.870	-2.204	0.207	1.959	-2.189	0.241	1.779	-2.124	0.276
1.835	-1.749	0.207	0.900	-0.975	0.241	1.825	-2.190	0.276
1.899	-2.221	0.207	1.215	-0.433	0.241	1.915	-2.217	0.276
1.933	-1.992	0.207	1.275	-1.432	0.241	1.646	-1.402	0.276
1.985	-2.170	0.207	1.612	-1.273	0.241	1.882	-2.225	0.276
1.734	-1.507	0.207	1.397	-0.799	0.241	1.594	-1.280	0.276
1.988	-2.152	0.207	1.936	-2.055	0.241	1.929	-2.206	0.276
1.965	-2.203	0.207	1.214	-1.356	0.241	1.892	-1.998	0.276
1.630	-1.266	0.207	0.196	-0.270	0.241	1.611	-1.895	0.276
1.916	-2.222	0.207	1.444	-0.900	0.241	1.946	-2.137	0.276
1.933	-2.220	0.207	1.819	-2.158	0.241	1.865	-2.222	0.276
1.812	-2.126	0.207	1.715	-1.512	0.241	1.940	-2.191	0.276
1.835	-2.159	0.207	1.398	-1.589	0.241	1.743	-1.630	0.276
1.950	-2.214	0.207	0.514	-0.557	0.241	1.947	-2.174	0.276
1.949	-2.033	0.207	1.737	-2.041	0.241	1.844	-1.878	0.276
1.857	-2.191	0.207	1.661	-1.386	0.241	1.795	-1.758	0.276
1.883	-2.214	0.207	0.440	0.732	0.241	1.837	-2.204	0.276
1.718	-1.993	0.207	0.712	-0.762	0.241	1.696	-1.518	0.276
1.964	-2.073	0.207	1.960	-2.115	0.241	1.915	-2.058	0.276
1.798	-1.658	0.207	1.916	-2.221	0.241	1.949	-2.156	0.276
1.980	-2.113	0.207	1.001	-0.044	0.241	1.684	-1.993	0.276
1.669	-1.356	0.207	1.966	-2.172	0.241	1.939	-2.118	0.276
1.986	-2.133	0.207	0.411	-0.458	0.241	1.802	-2.157	0.276
1.977	-2.188	0.207	1.569	-1.813	0.241	1.850	-2.215	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.603	0.561	0.310	-1.602	0.729	0.345	-1.566	0.827	0.379
-1.571	0.527	0.310	-1.505	0.539	0.345	-1.362	1.090	0.379
-1.347	1.078	0.310	-1.327	1.108	0.345	-1.594	0.738	0.379
-1.545	0.512	0.310	-1.268	1.153	0.345	-1.578	0.798	0.379
-1.227	1.168	0.310	-1.592	0.600	0.345	-1.581	0.640	0.379
-1.454	0.484	0.310	-1.411	0.517	0.345	-1.441	1.011	0.379
-1.390	0.471	0.310	-1.496	0.933	0.345	-1.402	0.554	0.379
-1.589	0.543	0.310	-1.578	0.582	0.345	-1.305	1.137	0.379
-1.597	0.752	0.310	-1.534	0.551	0.345	-1.370	0.549	0.379
-1.623	0.630	0.310	-1.558	0.839	0.345	-1.541	0.876	0.379
-1.485	0.492	0.310	-1.460	0.977	0.345	-1.249	0.531	0.379
-1.621	0.660	0.310	-1.610	0.668	0.345	-1.511	0.923	0.379
-1.614	0.582	0.310	-1.528	0.888	0.345	-1.588	0.768	0.379
-1.441	0.987	0.310	-1.347	0.505	0.345	-1.403	1.051	0.379
-1.516	0.500	0.310	-1.602	0.621	0.345	-1.595	0.684	0.379
-1.620	0.605	0.310	-1.608	0.644	0.345	-1.434	0.561	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.422	0.478	0.310	-1.608	0.699	0.345	-1.477	0.968	0.379
-1.402	1.027	0.310	-1.383	1.059	0.345	-1.245	1.180	0.379
-1.289	1.125	0.310	-1.593	0.759	0.345	-1.567	0.621	0.379
-1.616	0.691	0.310	-1.582	0.789	0.345	-1.525	0.589	0.379
-1.513	0.899	0.310	-1.423	1.019	0.345	-1.597	0.708	0.379
-1.478	0.944	0.310	-1.443	0.523	0.345	-1.496	0.577	0.379
-1.545	0.852	0.310	-1.379	0.511	0.345	-1.338	0.544	0.379
-1.274	0.450	0.310	-1.475	0.530	0.345	-1.466	0.568	0.379
-1.608	0.722	0.310	-1.560	0.566	0.345	-1.590	0.661	0.379
-1.358	0.465	0.310	-0.856	0.405	0.345	-1.551	0.606	0.379
-1.573	0.803	0.310	-1.141	1.230	0.345	-1.117	1.253	0.379
-1.163	1.206	0.310	-1.170	0.476	0.345	-0.905	1.328	0.379
-1.024	1.270	0.310	-0.960	0.432	0.345	-1.183	1.219	0.379
-1.095	1.241	0.310	-1.205	1.194	0.345	-0.844	0.451	0.379
-0.879	1.314	0.310	-1.072	1.262	0.345	-1.054	0.501	0.379
-0.804	1.327	0.310	-1.065	0.456	0.345	-0.832	1.342	0.379
-1.076	0.412	0.310	-0.781	1.339	0.345	-1.160	0.519	0.379
-1.182	0.433	0.310	-0.856	1.329	0.345	-0.978	1.308	0.379
-0.972	0.388	0.310	-0.929	1.312	0.345	-1.048	1.283	0.379
-0.952	1.295	0.310	-1.002	1.290	0.345	-0.949	0.478	0.379
-0.868	0.361	0.310	-0.413	1.309	0.345	0.002	-0.022	0.379
0.021	1.098	0.310	-0.625	0.324	0.345	-0.502	0.315	0.379
-0.289	1.262	0.310	-0.201	1.230	0.345	-0.092	0.054	0.379
-0.360	1.287	0.310	-0.270	1.260	0.345	0.123	1.021	0.379
-0.103	-0.002	0.310	-0.486	1.326	0.345	-0.252	1.256	0.379
0.088	-0.147	0.310	-0.049	1.145	0.345	-0.611	1.350	0.379
-0.523	0.236	0.310	-0.560	1.337	0.345	-0.758	1.350	0.379
-0.219	1.233	0.310	0.113	1.031	0.345	-0.728	0.412	0.379
-0.656	1.336	0.310	-0.134	1.195	0.345	-0.321	1.285	0.379
-0.751	0.325	0.310	-0.633	1.344	0.345	-0.184	1.224	0.379
-0.433	1.307	0.310	-0.196	0.094	0.345	-0.117	1.188	0.379
-0.203	0.064	0.310	0.090	-0.125	0.345	-0.034	1.137	0.379
0.180	0.978	0.310	-0.513	0.275	0.345	-0.392	1.309	0.379
-0.636	0.283	0.310	-0.002	-0.048	0.345	-0.537	1.341	0.379
-0.306	0.126	0.310	-0.707	1.344	0.345	-0.684	1.353	0.379
-0.581	1.332	0.310	0.033	1.090	0.345	-0.189	0.126	0.379
-0.413	0.184	0.310	-0.341	1.287	0.345	-0.394	0.257	0.379
-0.730	1.334	0.310	-0.098	0.025	0.345	-0.613	0.367	0.379
-0.150	1.200	0.310	-0.297	0.159	0.345	-0.289	0.194	0.379
-0.507	1.322	0.310	-0.404	0.219	0.345	-0.465	1.328	0.379
0.102	1.040	0.310	-0.739	0.367	0.345	0.046	1.081	0.379
-0.063	1.152	0.310	0.834	-0.934	0.345	0.092	-0.101	0.379
-0.006	-0.072	0.310	0.920	-1.044	0.345	0.489	-0.514	0.379
0.940	-1.054	0.310	1.132	-1.319	0.345	0.971	-0.092	0.379
1.068	-0.209	0.310	1.133	-0.367	0.345	0.739	-0.821	0.379
0.404	-0.436	0.310	0.197	-0.221	0.345	1.036	-1.211	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.197	-0.239	0.310	0.983	-1.126	0.345	0.297	-0.302	0.379
0.633	0.487	0.310	0.453	0.702	0.345	0.902	-1.034	0.379
0.999	-1.129	0.310	0.980	-0.078	0.345	0.630	0.460	0.379
0.365	0.806	0.310	0.682	-0.745	0.345	0.671	-0.735	0.379
0.599	-0.645	0.310	1.058	-0.222	0.345	0.197	-0.200	0.379
1.144	-0.355	0.310	0.189	0.969	0.345	0.373	0.782	0.379
0.503	-0.539	0.310	0.815	0.204	0.345	1.115	-1.316	0.379
0.450	0.713	0.310	0.369	0.795	0.345	0.197	0.957	0.379
0.754	-0.825	0.310	0.726	0.341	0.345	1.121	-0.381	0.379
0.532	0.617	0.310	0.632	0.475	0.345	0.892	0.049	0.379
0.275	0.894	0.310	0.300	-0.320	0.345	0.455	0.688	0.379
0.819	0.217	0.310	0.533	0.605	0.345	0.809	0.189	0.379
1.068	-1.216	0.310	0.400	-0.422	0.345	0.581	-0.624	0.379
0.988	-0.065	0.310	0.281	0.884	0.345	0.968	-1.121	0.379
0.302	-0.336	0.310	0.899	0.064	0.345	0.821	-0.927	0.379
0.728	0.354	0.310	0.748	-0.825	0.345	0.395	-0.407	0.379
0.906	0.077	0.310	1.047	-1.208	0.345	0.533	0.590	0.379
0.693	-0.752	0.310	0.496	-0.528	0.345	1.047	-0.236	0.379
0.848	-0.939	0.310	0.590	-0.635	0.345	0.722	0.326	0.379
1.149	-1.320	0.310	1.313	-0.742	0.345	0.287	0.872	0.379
1.299	-1.512	0.310	1.429	-1.704	0.345	1.497	-1.203	0.379
1.368	-0.818	0.310	1.281	-1.512	0.345	1.383	-0.940	0.379
1.447	-1.704	0.310	1.349	-1.601	0.345	1.541	-1.304	0.379
1.473	-1.052	0.310	1.457	-1.061	0.345	1.342	-1.614	0.379
1.534	-1.818	0.310	1.508	-1.808	0.345	1.440	-1.071	0.379
1.319	-0.714	0.310	1.558	-1.296	0.345	1.337	-0.840	0.379
1.359	-1.590	0.310	1.245	-0.596	0.345	1.172	-0.485	0.379
1.195	-0.457	0.310	1.513	-1.190	0.345	1.479	-1.795	0.379
1.230	-1.424	0.310	1.217	-1.430	0.345	1.231	-0.609	0.379
1.532	-1.185	0.310	1.175	-0.452	0.345	1.263	-1.510	0.379
1.414	-0.919	0.310	1.353	-0.828	0.345	1.195	-1.421	0.379
1.258	-0.585	0.310	1.400	-0.933	0.345	1.289	-0.734	0.379
1.739	-2.092	0.310	1.721	-2.093	0.345	1.556	-1.898	0.379
1.895	-2.061	0.310	1.899	-2.124	0.345	1.411	-1.704	0.379
1.930	-2.158	0.310	1.903	-2.196	0.345	1.702	-2.095	0.379
1.677	-1.525	0.310	1.829	-2.226	0.345	1.873	-2.214	0.379
1.919	-2.120	0.310	1.875	-2.064	0.345	1.810	-2.229	0.379
1.928	-2.177	0.310	1.794	-1.862	0.345	1.827	-2.232	0.379
1.666	-1.994	0.310	1.906	-2.143	0.345	1.891	-2.165	0.379
1.819	-2.205	0.310	1.846	-2.229	0.345	1.855	-2.068	0.379
1.824	-1.882	0.310	1.658	-1.531	0.345	1.587	-1.413	0.379
1.881	-2.225	0.310	1.878	-2.221	0.345	1.640	-1.539	0.379
1.926	-2.140	0.310	1.851	-2.005	0.345	1.782	-2.209	0.379
1.775	-1.763	0.310	1.790	-2.192	0.345	1.737	-1.774	0.379
1.593	-1.896	0.310	1.826	-1.943	0.345	1.726	-2.128	0.379
1.897	-2.219	0.310	1.814	-2.218	0.345	1.832	-2.009	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.615	-1.378	0.310	1.910	-2.161	0.345	1.859	-2.225	0.379
1.911	-2.208	0.310	1.862	-2.227	0.345	1.890	-2.183	0.379
1.871	-2.001	0.310	1.714	-1.666	0.345	1.795	-2.221	0.379
1.848	-2.224	0.310	1.768	-2.159	0.345	1.843	-2.231	0.379
1.864	-2.226	0.310	1.575	-1.897	0.345	1.629	-1.996	0.379
1.786	-2.158	0.310	1.601	-1.397	0.345	1.884	-2.200	0.379
1.762	-2.125	0.310	1.756	-1.768	0.345	1.887	-2.146	0.379
1.922	-2.194	0.310	1.801	-2.207	0.345	1.749	-2.161	0.379
1.832	-2.216	0.310	1.909	-2.180	0.345	1.771	-2.194	0.379
1.738	-1.672	0.310	1.892	-2.211	0.345	1.879	-2.128	0.379
1.576	-1.288	0.310	1.745	-2.126	0.345	1.785	-1.892	0.379
1.808	-2.190	0.310	1.648	-1.995	0.345	1.692	-1.664	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.382	1.084	0.414	-1.550	0.701	0.448	-1.559	0.829	0.483
-1.580	0.778	0.414	-1.572	0.765	0.448	-1.481	0.998	0.483
-1.542	0.645	0.414	-1.398	0.630	0.448	-1.297	1.184	0.483
-1.573	0.807	0.414	-1.435	0.638	0.448	-1.348	1.143	0.483
-1.584	0.724	0.414	-1.260	1.195	0.448	-1.354	0.661	0.483
-1.283	1.166	0.414	-1.558	0.847	0.448	-1.238	1.225	0.483
-1.488	0.615	0.414	-1.566	0.818	0.448	-1.396	1.098	0.483
-1.458	0.605	0.414	-1.473	0.996	0.448	-1.552	0.859	0.483
-1.222	1.207	0.414	-1.534	0.685	0.448	-1.558	0.783	0.483
-1.516	0.628	0.414	-1.400	1.078	0.448	-1.316	0.657	0.483
-1.579	0.701	0.414	-1.569	0.742	0.448	-1.391	0.666	0.483
-1.362	0.586	0.414	-1.318	1.152	0.448	-1.441	1.050	0.483
-1.562	0.837	0.414	-1.323	0.620	0.448	-1.516	0.943	0.483
-1.241	0.572	0.414	-1.571	0.788	0.448	-1.464	0.687	0.483
-1.340	1.120	0.414	-1.533	0.904	0.448	-1.497	0.704	0.483
-1.550	0.865	0.414	-1.505	0.951	0.448	-1.552	0.761	0.483
-1.330	0.582	0.414	-1.438	1.038	0.448	-1.543	0.888	0.483
-1.458	1.003	0.414	-1.471	0.649	0.448	-1.541	0.742	0.483
-1.394	0.591	0.414	-1.232	0.612	0.448	-1.428	0.675	0.483
-1.492	0.959	0.414	-1.546	0.876	0.448	-1.526	0.726	0.483
-1.426	0.598	0.414	-1.562	0.720	0.448	-1.560	0.806	0.483
-1.584	0.748	0.414	-1.504	0.665	0.448	-1.224	0.653	0.483
-1.571	0.680	0.414	-1.361	0.624	0.448	-1.531	0.916	0.483
-1.421	1.044	0.414	-1.360	1.116	0.448	-0.887	0.617	0.483
-1.523	0.913	0.414	-1.134	1.268	0.448	-0.829	1.371	0.483
-1.558	0.661	0.414	-0.820	0.547	0.448	-1.110	1.294	0.483
-1.024	1.303	0.414	-0.854	1.357	0.448	-0.973	1.343	0.483
-1.159	1.243	0.414	-1.060	0.597	0.448	-1.132	0.648	0.483
-1.093	1.275	0.414	-0.899	0.568	0.448	-1.050	0.642	0.483
-1.151	0.562	0.414	-1.141	0.605	0.448	-0.807	0.597	0.483
-0.807	1.354	0.414	-0.927	1.342	0.448	-1.043	1.321	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.880	1.343	0.414	-1.198	1.234	0.448	-0.968	0.632	0.483
-1.043	0.547	0.414	-1.068	1.298	0.448	-1.175	1.262	0.483
-0.833	0.498	0.414	-0.998	1.323	0.448	-0.902	1.360	0.483
-0.953	1.325	0.414	-0.781	1.365	0.448	-0.073	1.159	0.483
-0.937	0.526	0.414	-0.979	0.585	0.448	0.006	1.102	0.483
-0.545	0.386	0.414	-0.442	0.382	0.448	-0.480	0.457	0.483
0.094	-0.075	0.414	-0.080	0.118	0.448	0.013	0.067	0.483
-0.733	1.360	0.414	0.071	1.054	0.448	-0.756	1.377	0.483
-0.587	1.354	0.414	-0.635	1.366	0.448	-0.313	1.292	0.483
-0.233	1.250	0.414	0.009	0.036	0.448	0.081	1.041	0.483
0.005	0.007	0.414	0.096	-0.049	0.448	0.153	0.976	0.483
0.058	1.069	0.414	-0.355	0.328	0.448	-0.682	1.377	0.483
0.132	1.008	0.414	-0.173	0.196	0.448	-0.559	0.499	0.483
-0.515	1.344	0.414	-0.563	1.357	0.448	-0.150	1.209	0.483
-0.086	0.086	0.414	-0.086	1.169	0.448	-0.722	0.569	0.483
-0.166	1.217	0.414	-0.626	0.476	0.448	-0.610	1.371	0.483
-0.279	0.231	0.414	0.144	0.991	0.448	-0.166	0.233	0.483
-0.443	1.328	0.414	-0.006	1.114	0.448	-0.639	0.536	0.483
-0.181	0.161	0.414	-0.532	0.432	0.448	-0.405	0.411	0.483
-0.735	0.466	0.414	-0.421	1.326	0.448	0.097	-0.021	0.483
-0.365	0.287	0.414	-0.491	1.344	0.448	-0.331	0.362	0.483
-0.660	1.360	0.414	-0.722	0.515	0.448	-0.260	0.309	0.483
-0.639	0.429	0.414	-0.165	1.217	0.448	-0.468	1.345	0.483
-0.101	1.179	0.414	-0.333	1.296	0.448	-0.539	1.360	0.483
-0.371	1.307	0.414	-0.270	0.270	0.448	-0.399	1.324	0.483
-0.301	1.281	0.414	-0.707	1.368	0.448	-0.075	0.151	0.483
-0.020	1.126	0.414	-0.248	1.260	0.448	-0.230	1.253	0.483
-0.454	0.339	0.414	0.439	-0.438	0.448	0.538	-0.558	0.483
0.717	0.309	0.414	0.546	-0.574	0.448	0.885	-1.037	0.483
0.884	0.032	0.414	0.932	-1.094	0.448	0.962	-1.145	0.483
1.100	-1.312	0.414	0.876	0.010	0.448	0.882	-0.036	0.483
0.802	0.172	0.414	0.967	-0.157	0.448	0.325	-0.284	0.483
0.627	0.443	0.414	0.703	0.303	0.448	1.084	-0.429	0.483
0.809	-0.919	0.414	0.845	-0.974	0.448	0.929	-0.123	0.483
0.456	0.671	0.414	0.752	-0.847	0.448	0.641	-0.697	0.483
0.533	0.573	0.414	1.037	-1.239	0.448	0.222	0.909	0.483
1.109	-0.396	0.414	0.215	0.925	0.448	0.697	0.284	0.483
0.390	-0.390	0.414	1.054	-0.327	0.448	1.086	-1.319	0.483
1.036	-0.252	0.414	0.215	-0.175	0.448	0.617	0.409	0.483
0.572	-0.611	0.414	1.093	-0.405	0.448	0.743	-0.838	0.483
0.204	0.943	0.414	0.444	0.669	0.448	0.288	0.838	0.483
0.661	-0.724	0.414	0.535	0.550	0.448	0.533	0.531	0.483
0.292	0.857	0.414	0.349	0.783	0.448	0.834	0.051	0.483
0.954	-1.115	0.414	0.621	0.428	0.448	0.985	-0.231	0.483
0.961	-0.109	0.414	0.283	0.855	0.448	0.773	0.157	0.483
1.022	-1.207	0.414	1.138	-0.498	0.448	0.445	0.650	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.196	-0.177	0.414	1.143	-1.384	0.448	0.213	-0.151	0.483
0.376	0.766	0.414	0.781	0.176	0.448	1.024	-1.232	0.483
0.482	-0.499	0.414	0.651	-0.711	0.448	0.433	-0.420	0.483
0.294	-0.282	0.414	0.329	-0.305	0.448	0.833	-0.964	0.483
1.425	-1.083	0.414	1.376	-1.019	0.448	1.122	-0.508	0.483
1.524	-1.314	0.414	1.437	-1.160	0.448	0.352	0.766	0.483
1.369	-0.957	0.414	1.251	-0.741	0.448	1.040	-0.341	0.483
1.393	-1.703	0.414	1.345	-0.948	0.448	1.428	-1.185	0.483
1.318	-1.603	0.414	1.457	-1.811	0.448	1.235	-0.750	0.483
1.479	-1.209	0.414	1.376	-1.701	0.448	1.492	-1.336	0.483
1.218	-0.623	0.414	1.296	-1.591	0.448	1.361	-1.032	0.483
1.323	-0.852	0.414	1.231	-1.503	0.448	1.280	-1.588	0.483
1.156	-0.492	0.414	1.508	-1.325	0.448	1.502	-1.899	0.483
1.246	-1.507	0.414	1.182	-0.592	0.448	1.548	-1.469	0.483
1.468	-1.803	0.414	1.298	-0.845	0.448	1.216	-1.499	0.483
1.178	-1.416	0.414	1.219	-0.671	0.448	1.360	-1.699	0.483
1.538	-1.899	0.414	1.520	-1.899	0.448	1.163	-1.426	0.483
1.278	-0.754	0.414	1.819	-2.233	0.448	1.179	-0.629	0.483
1.870	-2.187	0.414	1.742	-2.216	0.448	1.439	-1.810	0.483
1.751	-2.197	0.414	1.844	-2.208	0.448	1.271	-0.830	0.483
1.860	-2.132	0.414	1.592	-1.999	0.448	1.749	-2.240	0.483
1.766	-1.898	0.414	1.825	-2.098	0.448	1.721	-2.220	0.483
1.676	-1.676	0.414	1.663	-2.099	0.448	1.766	-2.244	0.483
1.824	-2.234	0.414	1.786	-2.240	0.448	1.807	-2.104	0.483
1.813	-2.014	0.414	1.731	-2.201	0.448	1.621	-1.643	0.483
1.719	-1.781	0.414	1.578	-1.491	0.448	1.692	-1.817	0.483
1.840	-2.229	0.414	1.770	-2.236	0.448	1.813	-2.227	0.483
1.622	-1.547	0.414	1.794	-2.020	0.448	1.777	-2.027	0.483
1.729	-2.164	0.414	1.736	-1.874	0.448	1.573	-2.000	0.483
1.683	-2.097	0.414	1.637	-1.634	0.448	1.734	-2.232	0.483
1.762	-2.212	0.414	1.833	-2.118	0.448	1.823	-2.143	0.483
1.864	-2.203	0.414	1.841	-2.137	0.448	1.799	-2.237	0.483
1.707	-2.130	0.414	1.803	-2.239	0.448	1.831	-2.197	0.483
1.790	-2.232	0.414	1.687	-2.133	0.448	1.689	-2.171	0.483
1.775	-2.224	0.414	1.848	-2.156	0.448	1.666	-2.136	0.483
1.867	-2.151	0.414	1.852	-2.174	0.448	1.833	-2.179	0.483
1.611	-1.998	0.414	1.709	-2.167	0.448	1.783	-2.243	0.483
1.807	-2.236	0.414	1.851	-2.191	0.448	1.824	-2.213	0.483
1.854	-2.218	0.414	1.701	-1.789	0.448	1.746	-1.950	0.483
1.568	-1.418	0.414	1.833	-2.222	0.448	1.643	-2.102	0.483
1.844	-2.093	0.414	1.666	-1.704	0.448	1.830	-2.161	0.483
1.828	-2.053	0.414	1.755	-2.228	0.448	1.815	-2.124	0.483
1.871	-2.169	0.414	1.764	-1.943	0.448	1.710	-2.205	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	0.646	0.517	-1.409	1.127	0.552	-1.521	0.954	0.586
-0.876	0.665	0.517	-1.522	0.825	0.552	-1.120	1.354	0.586
-0.732	1.389	0.517	-1.339	0.736	0.552	-1.246	1.289	0.586
-1.329	1.178	0.517	-0.784	0.694	0.552	-0.773	0.741	0.586
-1.347	0.698	0.517	-1.261	1.252	0.552	-1.520	0.886	0.586
-1.123	0.691	0.517	-1.208	0.733	0.552	-0.697	0.718	0.586
-1.217	1.256	0.517	-1.523	0.951	0.552	-1.511	0.866	0.586
-1.536	0.909	0.517	-1.508	0.807	0.552	-1.300	1.252	0.586
-1.154	1.291	0.517	-1.200	1.290	0.552	-1.438	0.804	0.586
-0.950	1.364	0.517	-0.698	0.667	0.552	-1.524	0.931	0.586
-1.548	0.825	0.517	-1.115	0.733	0.552	-1.470	0.824	0.586
-1.216	0.693	0.517	-1.480	0.783	0.552	-0.841	1.420	0.586
-0.806	1.386	0.517	-1.532	0.844	0.552	-1.476	1.065	0.586
-1.278	1.217	0.517	-1.537	0.889	0.552	-1.403	0.790	0.586
-0.958	0.679	0.517	-0.713	1.404	0.552	-1.367	0.781	0.586
-1.021	1.345	0.517	-1.069	1.349	0.552	-0.768	1.423	0.586
-1.456	0.725	0.517	-0.858	1.398	0.552	-1.022	0.775	0.586
-1.532	0.783	0.517	-1.536	0.866	0.552	-1.511	0.992	0.586
-1.308	0.695	0.517	-1.363	1.172	0.552	-1.350	1.211	0.586
-1.424	1.088	0.517	-1.534	0.912	0.552	-1.524	0.908	0.586
-1.378	1.134	0.517	-1.313	1.214	0.552	-1.396	1.167	0.586
-0.878	1.378	0.517	-1.451	1.077	0.552	-1.329	0.776	0.586
-1.384	0.703	0.517	-0.930	1.387	0.552	-1.185	1.324	0.586
-1.501	0.983	0.517	-1.507	0.988	0.552	-0.913	1.412	0.586
-1.040	0.687	0.517	-1.031	0.732	0.552	-1.105	0.776	0.586
-1.089	1.320	0.517	-1.376	0.741	0.552	-1.439	1.118	0.586
-1.549	0.848	0.517	-1.413	0.751	0.552	-0.984	1.398	0.586
-0.709	0.618	0.517	-0.948	0.725	0.552	-1.053	1.379	0.586
-1.521	0.947	0.517	-1.136	1.322	0.552	-1.495	1.029	0.586
-1.465	1.037	0.517	-0.785	1.404	0.552	-0.856	0.759	0.586
-1.517	0.766	0.517	-1.300	0.734	0.552	-1.198	0.774	0.586
-1.421	0.712	0.517	-1.488	1.023	0.552	-1.291	0.774	0.586
-1.542	0.803	0.517	-1.448	0.764	0.552	-0.939	0.770	0.586
-1.489	0.743	0.517	-1.001	1.371	0.552	-1.497	0.848	0.586
-1.546	0.871	0.517	-0.866	0.713	0.552	-0.245	1.276	0.586
-0.626	0.585	0.517	-0.404	1.341	0.552	-0.483	0.616	0.586
-0.578	1.376	0.517	-0.065	0.217	0.552	-0.060	0.248	0.586
-0.420	1.338	0.517	-0.640	1.398	0.552	-0.623	0.689	0.586
-0.270	1.276	0.517	-0.560	1.385	0.552	-0.551	0.655	0.586
-0.546	0.546	0.517	-0.118	1.191	0.552	-0.696	1.420	0.586
-0.198	1.239	0.517	-0.242	0.387	0.552	-0.176	1.234	0.586
-0.128	1.196	0.517	-0.382	0.498	0.552	-0.144	0.339	0.586
-0.498	1.360	0.517	-0.328	1.310	0.552	0.098	0.059	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.070	0.184	0.517	-0.534	0.593	0.552	0.125	0.986	0.586
0.089	1.029	0.517	0.018	0.126	0.552	-0.110	1.189	0.586
-0.468	0.503	0.517	-0.151	0.304	0.552	0.042	1.065	0.586
-0.321	0.404	0.517	0.037	1.071	0.552	-0.466	1.373	0.586
-0.251	0.349	0.517	-0.186	1.235	0.552	-0.316	1.313	0.586
0.098	0.006	0.517	0.098	0.033	0.552	-0.292	0.477	0.586
-0.344	1.310	0.517	-0.481	1.366	0.552	-0.417	0.573	0.586
-0.393	0.455	0.517	0.122	0.993	0.552	-0.233	0.425	0.586
-0.659	1.386	0.517	-0.456	0.548	0.552	-0.353	0.526	0.586
-0.061	1.150	0.517	-0.614	0.633	0.552	-0.623	1.411	0.586
0.159	0.963	0.517	-0.052	1.144	0.552	0.021	0.155	0.586
0.016	0.097	0.517	-0.311	0.445	0.552	-0.544	1.395	0.586
-0.158	0.269	0.517	-0.256	1.275	0.552	-0.390	1.346	0.586
0.015	1.092	0.517	0.918	-1.101	0.552	-0.045	1.140	0.586
0.320	-0.263	0.517	0.203	0.911	0.552	0.520	0.490	0.586
0.872	-0.052	0.517	0.862	-0.065	0.552	0.674	0.242	0.586
0.292	0.823	0.517	0.353	0.737	0.552	0.412	-0.366	0.586
0.211	-0.127	0.517	0.606	0.378	0.552	0.204	0.903	0.586
0.822	-0.953	0.517	0.209	-0.103	0.552	0.599	0.367	0.586
0.912	-1.082	0.517	0.700	-0.783	0.552	0.747	0.116	0.586
0.444	0.634	0.517	0.280	0.825	0.552	0.512	-0.510	0.586
0.974	-0.247	0.517	0.526	0.500	0.552	0.899	-1.084	0.586
0.530	0.514	0.517	0.917	-0.171	0.552	0.988	-0.344	0.586
0.727	-0.818	0.517	0.419	-0.384	0.552	0.851	-0.075	0.586
0.863	-1.012	0.517	0.810	-0.942	0.552	0.695	-0.779	0.586
0.426	-0.402	0.517	0.962	-0.259	0.552	0.951	-0.269	0.586
0.354	0.750	0.517	0.621	-0.669	0.552	0.438	0.610	0.586
0.227	0.894	0.517	0.521	-0.526	0.552	0.279	0.816	0.586
0.612	0.391	0.517	0.683	0.253	0.552	0.310	-0.222	0.586
0.690	0.267	0.517	0.805	0.040	0.552	0.797	-0.931	0.586
0.812	0.058	0.517	0.756	0.126	0.552	0.206	-0.081	0.586
0.632	-0.683	0.517	0.442	0.620	0.552	0.983	-1.208	0.586
0.765	0.140	0.517	0.315	-0.243	0.552	0.351	0.727	0.586
0.530	-0.542	0.517	0.997	-1.216	0.552	0.611	-0.655	0.586
0.931	-0.163	0.517	1.115	-0.574	0.552	1.169	-1.484	0.586
1.208	-0.735	0.517	1.331	-1.053	0.552	1.309	-1.691	0.586
1.201	-1.494	0.517	1.374	-1.153	0.552	1.046	-0.465	0.586
1.071	-0.444	0.517	1.326	-1.694	0.552	1.103	-0.586	0.586
1.110	-1.365	0.517	1.152	-0.654	0.552	1.067	-1.334	0.586
1.343	-1.696	0.517	1.198	-0.755	0.552	1.281	-0.984	0.586
1.121	-0.548	0.517	1.059	-0.456	0.552	1.173	-0.738	0.586
1.305	-0.950	0.517	1.185	-1.489	0.552	1.234	-1.581	0.586
1.272	-1.595	0.517	1.398	-1.799	0.552	1.138	-0.662	0.586
1.021	-0.341	0.517	1.286	-0.951	0.552	1.315	-1.061	0.586
1.010	-1.224	0.517	1.242	-0.853	0.552	1.383	-1.802	0.586
1.257	-0.843	0.517	1.001	-0.338	0.552	1.381	-1.215	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.159	-1.435	0.517	1.089	-1.350	0.552	1.227	-0.861	0.586
1.165	-0.643	0.517	1.254	-1.589	0.552	1.753	-2.238	0.586
1.346	-1.044	0.517	1.505	-1.462	0.552	1.692	-1.966	0.586
1.793	-2.231	0.517	1.626	-2.142	0.552	1.552	-2.061	0.586
1.414	-1.797	0.517	1.784	-2.221	0.552	1.518	-1.542	0.586
1.646	-2.140	0.517	1.785	-2.152	0.552	1.627	-2.180	0.586
1.713	-2.236	0.517	1.770	-2.114	0.552	1.478	-1.946	0.586
1.728	-2.244	0.517	1.534	-2.003	0.552	1.722	-2.042	0.586
1.532	-1.479	0.517	1.792	-2.170	0.552	1.764	-2.224	0.586
1.675	-1.823	0.517	1.791	-2.205	0.552	1.443	-1.361	0.586
1.804	-2.217	0.517	1.741	-2.038	0.552	1.775	-2.191	0.586
1.729	-1.956	0.517	1.668	-2.212	0.552	1.751	-2.118	0.586
1.484	-1.899	0.517	1.546	-1.560	0.552	1.583	-2.109	0.586
1.804	-2.147	0.517	1.794	-2.188	0.552	1.654	-1.872	0.586
1.811	-2.166	0.517	1.420	-1.261	0.552	1.759	-2.137	0.586
1.554	-2.001	0.517	1.460	-1.355	0.552	1.766	-2.155	0.586
1.689	-2.209	0.517	1.710	-1.961	0.552	1.618	-1.784	0.586
1.477	-1.347	0.517	1.586	-1.658	0.552	1.659	-2.230	0.586
1.623	-2.105	0.517	1.680	-2.227	0.552	1.739	-2.248	0.586
1.811	-2.201	0.517	1.627	-1.756	0.552	1.515	-2.004	0.586
1.407	-1.183	0.517	1.778	-2.133	0.552	1.648	-2.215	0.586
1.700	-2.224	0.517	1.758	-2.245	0.552	1.447	-1.899	0.586
1.604	-1.651	0.517	1.465	-1.899	0.552	1.688	-2.251	0.586
1.789	-2.110	0.517	1.742	-2.250	0.552	1.705	-2.254	0.586
1.759	-2.033	0.517	1.603	-2.107	0.552	1.672	-2.242	0.586
1.762	-2.247	0.517	1.648	-2.177	0.552	1.772	-2.208	0.586
1.797	-2.129	0.517	1.667	-1.854	0.552	1.722	-2.253	0.586
1.814	-2.184	0.517	1.708	-2.248	0.552	1.482	-1.455	0.586
1.668	-2.174	0.517	1.693	-2.239	0.552	1.772	-2.173	0.586
1.779	-2.241	0.517	1.725	-2.251	0.552	1.606	-2.144	0.586
1.745	-2.248	0.517	1.773	-2.235	0.552	1.568	-1.663	0.586
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.038	1.409	0.621	-1.390	1.233	0.655	-1.438	0.950	0.690
-0.898	1.437	0.621	-1.093	1.420	0.655	-1.475	0.995	0.690
-1.463	0.868	0.621	-1.499	0.992	0.655	-0.980	0.907	0.690
-1.345	0.820	0.621	-1.299	0.858	0.655	-0.943	1.483	0.690
-1.485	0.889	0.621	-0.812	1.466	0.655	-1.147	1.430	0.690
-1.436	0.850	0.621	-1.494	0.969	0.655	-1.477	1.117	0.690
-0.844	0.804	0.621	-1.473	0.931	0.655	-1.487	1.050	0.690
-1.362	1.230	0.621	-1.173	0.859	0.655	-0.728	1.483	0.690
-0.969	1.426	0.621	-1.451	0.909	0.655	-0.811	0.892	0.690
-1.106	1.387	0.621	-1.473	1.113	0.655	-1.484	1.022	0.690
-0.761	0.787	0.621	-1.352	1.270	0.655	-1.445	1.190	0.690
-1.234	1.326	0.621	-1.159	1.395	0.655	-1.211	1.400	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.512	0.950	0.621	-0.956	1.455	0.655	-1.415	1.234	0.690
-1.509	0.996	0.621	-0.884	1.463	0.655	-1.463	1.154	0.690
-1.484	1.071	0.621	-1.395	0.878	0.655	-0.872	1.489	0.690
-1.407	0.836	0.621	-1.311	1.304	0.655	-1.381	1.274	0.690
-0.927	0.814	0.621	-1.025	1.440	0.655	-1.412	0.933	0.690
-1.313	0.816	0.621	-1.080	0.862	0.655	-1.342	1.311	0.690
-1.400	1.192	0.621	-1.500	1.014	0.655	-1.251	0.902	0.690
-1.187	0.816	0.621	-1.222	1.363	0.655	-1.382	0.920	0.690
-1.279	0.815	0.621	-1.455	1.148	0.655	-1.301	1.344	0.690
-1.435	1.150	0.621	-1.364	0.868	0.655	-0.800	1.489	0.690
-1.498	0.908	0.621	-1.268	1.335	0.655	-1.081	1.454	0.690
-1.279	1.297	0.621	-0.913	0.858	0.655	-1.460	0.972	0.690
-0.826	1.443	0.621	-1.425	1.192	0.655	-1.257	1.374	0.690
-1.094	0.818	0.621	-1.486	0.949	0.655	-0.895	0.903	0.690
-1.377	0.826	0.621	-1.266	0.857	0.655	-1.318	0.905	0.690
-1.507	0.928	0.621	-1.488	1.076	0.655	-1.064	0.907	0.690
-1.322	1.265	0.621	-0.829	0.848	0.655	-1.158	0.904	0.690
-1.171	1.359	0.621	-1.332	0.862	0.655	-1.486	1.079	0.690
-1.512	0.973	0.621	-1.424	0.891	0.655	-0.728	0.874	0.690
-1.011	0.819	0.621	-0.996	0.862	0.655	-1.285	0.903	0.690
-0.753	1.443	0.621	-0.746	0.831	0.655	-1.013	1.471	0.690
-1.465	1.106	0.621	-1.497	1.038	0.655	-1.351	0.911	0.690
-1.499	1.034	0.621	-0.740	1.463	0.655	0.044	1.056	0.690
-0.041	1.137	0.621	-0.300	1.323	0.655	-0.408	0.714	0.690
-0.237	1.278	0.621	0.045	1.059	0.655	-0.587	1.456	0.690
-0.363	0.583	0.621	-0.129	0.401	0.655	-0.364	1.367	0.690
-0.531	1.407	0.621	-0.520	1.419	0.655	-0.294	1.328	0.690
-0.610	1.426	0.621	-0.231	1.281	0.655	-0.436	1.402	0.690
-0.454	1.382	0.621	-0.214	0.493	0.655	-0.121	0.430	0.690
-0.560	0.711	0.621	0.100	0.107	0.655	0.102	0.129	0.690
-0.307	1.317	0.621	-0.039	1.136	0.655	-0.336	0.655	0.690
-0.224	0.460	0.621	-0.677	0.810	0.655	0.122	0.973	0.690
-0.498	0.676	0.621	-0.371	1.360	0.655	-0.528	0.793	0.690
-0.438	0.638	0.621	-0.669	1.455	0.655	-0.203	0.524	0.690
-0.292	0.523	0.621	0.026	0.207	0.655	-0.227	1.284	0.690
0.099	0.084	0.621	-0.350	0.620	0.655	-0.659	0.853	0.690
-0.104	1.187	0.621	-0.598	1.441	0.655	-0.657	1.472	0.690
-0.137	0.371	0.621	0.124	0.977	0.655	-0.044	0.332	0.690
-0.055	0.278	0.621	-0.445	1.392	0.655	-0.038	1.135	0.690
0.125	0.981	0.621	-0.483	0.717	0.655	-0.267	0.592	0.690
0.023	0.182	0.621	-0.280	0.559	0.655	-0.467	0.756	0.690
-0.681	1.437	0.621	-0.050	0.305	0.655	-0.162	1.238	0.690
-0.169	1.234	0.621	-0.610	0.784	0.655	-0.099	1.188	0.690
-0.625	0.741	0.621	-0.165	1.236	0.655	0.030	0.231	0.690
0.044	1.061	0.621	-0.545	0.753	0.655	-0.592	0.826	0.690
-0.692	0.766	0.621	-0.101	1.188	0.655	-0.511	1.432	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.380	1.352	0.621	-0.424	0.677	0.655	0.647	0.221	0.690
0.666	0.234	0.621	0.506	0.475	0.655	0.347	-0.242	0.690
0.513	0.482	0.621	0.273	0.804	0.655	0.498	0.469	0.690
0.543	-0.555	0.621	0.864	-1.053	0.655	0.419	0.590	0.690
0.841	-0.083	0.621	0.657	0.227	0.655	0.466	-0.430	0.690
0.432	0.602	0.621	0.829	-0.090	0.655	0.268	0.799	0.690
0.979	-1.216	0.621	0.966	-1.212	0.655	0.738	-0.865	0.690
0.591	0.359	0.621	0.762	-0.895	0.655	0.336	0.708	0.690
0.738	0.108	0.621	0.200	0.892	0.655	0.574	0.346	0.690
0.229	-0.095	0.621	0.592	-0.630	0.655	0.196	0.887	0.690
0.277	0.809	0.621	0.342	0.714	0.655	0.226	-0.056	0.690
0.601	-0.642	0.621	0.678	-0.764	0.655	0.818	-0.096	0.690
0.981	-0.362	0.621	0.426	0.596	0.655	0.914	-0.289	0.690
0.355	-0.276	0.621	0.351	-0.259	0.655	0.673	-0.760	0.690
0.347	0.720	0.621	0.927	-0.283	0.655	0.584	-0.618	0.690
0.939	-0.276	0.621	0.227	-0.075	0.655	0.717	0.095	0.690
0.877	-1.061	0.621	0.583	0.352	0.655	0.851	-1.046	0.690
0.479	-0.458	0.621	0.965	-0.363	0.655	0.952	-0.369	0.690
0.678	-0.758	0.621	0.472	-0.444	0.655	0.965	-1.227	0.690
0.203	0.897	0.621	0.728	0.101	0.655	1.228	-0.990	0.690
0.775	-0.906	0.621	1.339	-1.207	0.655	1.121	-1.474	0.690
1.426	-1.367	0.621	1.197	-0.873	0.655	1.390	-1.900	0.690
1.607	-2.182	0.621	1.137	-1.477	0.655	1.316	-1.198	0.690
1.752	-2.211	0.621	1.273	-1.688	0.655	1.318	-1.786	0.690
1.076	-1.363	0.621	1.142	-0.747	0.655	1.390	-1.377	0.690
1.702	-2.256	0.621	1.050	-1.342	0.655	1.181	-0.879	0.690
1.500	-1.547	0.621	1.110	-0.675	0.655	1.061	-1.380	0.690
1.586	-2.146	0.621	1.198	-1.571	0.655	1.247	-1.674	0.690
1.719	-2.251	0.621	1.348	-1.805	0.655	1.354	-1.289	0.690
1.600	-1.789	0.621	1.020	-0.478	0.655	1.180	-1.568	0.690
1.745	-2.227	0.621	1.073	-0.593	0.655	1.059	-0.600	0.690
1.427	-1.899	0.621	1.251	-1.000	0.655	1.006	-0.484	0.690
1.550	-1.668	0.621	1.282	-1.073	0.655	1.095	-0.681	0.690
1.262	-0.983	0.621	1.616	-1.881	0.655	1.133	-0.769	0.690
1.212	-0.868	0.621	1.648	-2.256	0.655	1.266	-1.078	0.690
1.733	-2.241	0.621	1.476	-2.006	0.655	1.714	-2.183	0.690
1.563	-2.111	0.621	1.734	-2.179	0.655	1.513	-1.677	0.690
1.153	-1.480	0.621	1.733	-2.214	0.655	1.680	-2.257	0.690
1.219	-1.581	0.621	1.620	-2.235	0.655	1.524	-2.115	0.690
1.389	-1.280	0.621	1.654	-1.973	0.655	1.600	-2.238	0.690
1.634	-1.875	0.621	1.408	-1.372	0.655	1.589	-2.222	0.690
1.084	-0.582	0.621	1.608	-2.219	0.655	1.469	-2.026	0.690
1.740	-2.140	0.621	1.588	-2.184	0.655	1.663	-2.262	0.690
1.299	-1.067	0.621	1.484	-1.557	0.655	1.694	-2.128	0.690
1.495	-2.005	0.621	1.408	-1.900	0.655	1.706	-2.233	0.690
1.162	-0.753	0.621	1.699	-2.253	0.655	1.708	-2.165	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.652	-2.245	0.621	1.725	-2.230	0.655	1.716	-2.200	0.690
1.352	-1.192	0.621	1.633	-2.248	0.655	1.500	-2.076	0.690
1.362	-1.799	0.621	1.665	-2.260	0.655	1.613	-2.251	0.690
1.465	-1.462	0.621	1.446	-1.464	0.655	1.432	-1.969	0.690
1.628	-2.217	0.621	1.720	-2.143	0.655	1.568	-2.187	0.690
1.732	-2.121	0.621	1.683	-2.259	0.655	1.445	-1.510	0.690
1.755	-2.194	0.621	1.695	-2.078	0.655	1.713	-2.218	0.690
1.753	-2.176	0.621	1.676	-2.030	0.655	1.646	-2.263	0.690
1.747	-2.158	0.621	1.532	-1.672	0.655	1.667	-2.059	0.690
1.668	-2.253	0.621	1.728	-2.162	0.655	1.701	-2.147	0.690
1.673	-1.969	0.621	1.544	-2.113	0.655	1.628	-2.259	0.690
1.291	-1.690	0.621	1.736	-2.197	0.655	1.635	-1.977	0.690
1.124	-0.669	0.621	1.579	-1.788	0.655	1.547	-2.151	0.690
1.033	-0.472	0.621	1.714	-2.243	0.655	1.602	-1.896	0.690
1.639	-2.233	0.621	1.566	-2.148	0.655	1.556	-1.783	0.690
1.685	-2.257	0.621	1.713	-2.124	0.655	1.694	-2.247	0.690
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.135	1.464	0.724	-0.828	0.994	0.759	-1.359	1.384	0.793
-0.716	1.502	0.724	-1.420	1.036	0.759	-1.170	1.506	0.793
-0.844	0.946	0.724	-1.436	1.053	0.759	-1.289	1.441	0.793
-1.471	1.063	0.724	-1.222	0.998	0.759	-1.258	1.046	0.793
-1.246	1.412	0.724	-1.461	1.116	0.759	-1.450	1.204	0.793
-1.448	1.012	0.724	-1.400	1.022	0.759	-0.756	1.547	0.793
-1.436	1.231	0.724	-0.761	0.981	0.759	-1.432	1.279	0.793
-1.305	0.951	0.724	-1.327	1.001	0.759	-1.162	1.051	0.793
-1.290	1.383	0.724	-1.265	1.429	0.759	-1.409	1.077	0.793
-1.467	1.159	0.724	-0.380	0.788	0.759	-1.389	1.350	0.793
-0.912	0.953	0.724	0.040	1.044	0.759	-1.037	1.546	0.793
-1.431	0.995	0.724	-0.244	0.658	0.759	-1.445	1.242	0.793
-1.047	0.955	0.724	-0.030	0.386	0.759	-1.451	1.181	0.793
-1.411	0.981	0.724	-0.491	1.449	0.759	-0.756	1.029	0.793
-0.787	1.510	0.724	-0.632	1.501	0.759	-1.436	1.114	0.793
-1.332	1.351	0.724	-1.054	1.517	0.759	-1.449	1.158	0.793
-0.930	1.510	0.724	-0.096	1.181	0.759	-0.832	1.045	0.793
-0.777	0.934	0.724	-0.310	0.725	0.759	-1.251	1.466	0.793
-1.199	1.437	0.724	-0.283	1.331	0.759	-0.987	1.057	0.793
-1.271	0.949	0.724	-1.352	1.005	0.759	-1.415	1.313	0.793
-1.236	0.949	0.724	-1.462	1.162	0.759	-0.898	1.559	0.793
-1.389	0.970	0.724	-0.843	1.536	0.759	-1.105	1.529	0.793
-0.980	-0.955	0.724	-0.772	1.530	0.759	-0.910	1.054	0.793
-1.475	1.091	0.724	-0.156	1.234	0.759	-1.366	1.055	0.793
-1.142	0.952	0.724	-0.104	0.489	0.759	-1.325	1.414	0.793
-1.339	0.956	0.724	-1.032	1.006	0.759	-1.425	1.094	0.793
-1.454	1.196	0.724	-0.038	1.126	0.759	-1.444	1.136	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.000	1.501	0.724	-0.437	0.832	0.759	-1.300	1.046	0.793
-1.462	1.036	0.724	-1.338	1.375	0.759	-1.341	1.050	0.793
-0.711	0.918	0.724	-0.985	1.529	0.759	-1.389	1.064	0.793
-1.371	1.315	0.724	-0.565	1.479	0.759	-1.065	1.056	0.793
-1.068	1.486	0.724	-1.303	1.403	0.759	-0.826	1.556	0.793
-1.474	1.120	0.724	-0.702	1.518	0.759	-0.968	1.556	0.793
-0.858	1.513	0.724	-0.915	1.536	0.759	-1.212	1.488	0.793
-1.365	0.962	0.724	-0.419	1.414	0.759	-0.547	0.949	0.793
-1.406	1.275	0.724	-1.443	1.237	0.759	-0.170	1.242	0.793
-0.192	0.555	0.724	-0.182	0.587	0.759	0.038	1.034	0.793
-0.038	1.132	0.724	-0.896	1.002	0.759	-0.038	1.117	0.793
-0.289	1.331	0.724	-0.218	1.284	0.759	-0.234	0.690	0.793
-0.037	0.359	0.724	-1.128	1.002	0.759	-0.390	1.404	0.793
0.105	0.152	0.724	-1.377	1.012	0.759	-0.299	0.758	0.793
-0.393	0.751	0.724	-0.350	1.374	0.759	-0.680	1.007	0.793
-0.642	0.895	0.724	0.041	0.282	0.759	-0.618	1.512	0.793
-0.223	1.286	0.724	-1.371	1.344	0.759	-0.425	0.869	0.793
-0.501	1.442	0.724	-1.448	1.072	0.759	-0.173	0.618	0.793
0.118	0.968	0.724	-1.186	1.472	0.759	0.046	0.308	0.793
-0.357	1.372	0.724	-1.426	1.272	0.759	-0.686	1.532	0.793
-0.645	1.488	0.724	-1.401	1.309	0.759	-0.096	0.517	0.793
-0.159	1.237	0.724	-1.226	1.452	0.759	-0.484	0.911	0.793
-0.112	0.459	0.724	-0.560	0.909	0.759	-0.469	1.448	0.793
-0.451	0.794	0.724	-1.456	1.093	0.759	0.114	0.201	0.793
-0.255	0.625	0.724	-1.463	1.139	0.759	-0.240	1.300	0.793
0.042	1.052	0.724	-0.964	1.006	0.759	0.111	0.948	0.793
-0.428	1.409	0.724	-0.695	0.963	0.759	-0.103	1.181	0.793
-0.576	1.469	0.724	-0.497	0.873	0.759	-0.552	1.487	0.793
-0.322	0.690	0.724	-1.274	0.997	0.759	-0.369	0.823	0.793
0.035	0.256	0.724	0.109	0.177	0.759	-0.612	0.981	0.793
-0.575	0.867	0.724	-0.626	0.939	0.759	-0.023	0.414	0.793
-0.511	0.833	0.724	-1.456	1.200	0.759	-0.314	1.354	0.793
-0.098	1.186	0.724	0.115	0.959	0.759	0.506	0.374	0.793
0.329	0.701	0.724	-1.121	1.498	0.759	0.729	-0.035	0.793
0.824	-0.143	0.724	0.607	0.232	0.759	0.660	-0.743	0.793
0.865	-0.225	0.724	0.658	-0.740	0.759	0.230	0.008	0.793
0.345	-0.225	0.724	0.422	0.541	0.759	0.907	-0.400	0.793
0.949	-1.217	0.724	0.322	0.690	0.759	0.314	0.677	0.793
0.937	-0.376	0.724	0.736	-0.874	0.759	0.796	-0.169	0.793
0.577	-0.605	0.724	0.853	-0.242	0.759	0.344	-0.187	0.793
0.226	-0.035	0.724	0.989	-0.533	0.759	0.861	-0.303	0.793
0.840	-1.039	0.724	1.228	-1.696	0.759	0.734	-0.875	0.793
0.262	0.792	0.724	1.189	-0.992	0.759	0.249	0.769	0.793
0.527	0.400	0.724	1.180	-1.616	0.759	0.948	-0.491	0.793
0.461	-0.415	0.724	1.232	-1.096	0.759	0.793	-0.978	0.793
0.706	0.086	0.724	1.670	-2.179	0.759	0.595	0.218	0.793

此页无内容。

此页无内容。

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.235	1.294	0.828	0.053	0.987	0.862	-0.359	1.392	0.897
-0.360	0.854	0.828	-0.013	0.460	0.862	-0.405	0.948	0.897
-0.101	1.171	0.828	-0.229	1.285	0.862	0.051	0.973	0.897
-0.474	0.945	0.828	0.121	0.243	0.862	-0.523	1.038	0.897
-0.668	1.048	0.828	-0.161	0.668	0.862	-0.570	1.526	0.897
-0.227	0.718	0.828	-0.085	0.565	0.862	-0.282	0.831	0.897
-0.380	1.402	0.828	-0.528	1.014	0.862	-0.508	1.493	0.897
-0.415	0.901	0.828	-0.353	0.879	0.862	-0.290	1.335	0.897
-0.291	0.788	0.828	-0.099	1.160	0.862	0.122	0.259	0.897
-0.306	1.350	0.828	-0.221	0.741	0.862	-0.158	0.685	0.897
0.055	1.001	0.828	-0.445	1.448	0.862	-0.432	1.445	0.897
-0.457	1.450	0.828	-0.298	1.343	0.862	-0.037	1.080	0.897
-0.603	1.520	0.828	-0.285	0.812	0.862	-0.083	0.582	0.897
-0.166	1.234	0.828	0.138	0.876	0.862	-0.652	1.111	0.897
-0.601	1.019	0.828	-0.163	1.224	0.862	-0.633	1.556	0.897
-0.538	1.491	0.828	0.055	0.352	0.862	-0.097	1.148	0.897
-0.536	0.984	0.828	-0.652	1.551	0.862	0.135	0.861	0.897
0.143	0.891	0.828	-0.408	0.928	0.862	-0.012	0.477	0.897
0.344	-0.169	0.828	0.876	-0.429	0.862	0.501	-0.446	0.897
0.403	0.512	0.828	0.570	0.187	0.862	0.640	0.014	0.897
0.495	0.359	0.828	0.484	0.342	0.862	0.869	-1.155	0.897
0.667	0.045	0.828	0.881	-1.160	0.862	0.551	-0.544	0.897
0.782	-0.184	0.828	0.298	0.647	0.862	0.622	-0.681	0.897
0.306	0.662	0.828	0.718	-0.857	0.862	0.952	-1.310	0.897
0.561	-0.565	0.828	0.510	-0.465	0.862	0.964	-0.674	0.897
0.954	-0.552	0.828	0.343	-0.153	0.862	0.752	-0.214	0.897
0.232	0.028	0.828	0.234	0.046	0.862	0.384	0.480	0.897
0.891	-0.415	0.828	0.653	0.029	0.862	0.392	-0.238	0.897
0.726	-0.865	0.828	0.393	0.496	0.862	0.215	0.747	0.897
0.950	-1.267	0.828	0.615	-0.663	0.862	0.291	0.631	0.897
0.226	0.778	0.828	0.450	-0.353	0.862	0.922	-0.579	0.897
0.831	-1.055	0.828	0.557	-0.554	0.862	0.797	-1.019	0.897
0.453	-0.367	0.828	0.930	-1.250	0.862	0.447	-0.342	0.897
0.622	-0.675	0.828	0.220	0.763	0.862	0.709	-0.850	0.897
0.827	-0.278	0.828	0.391	-0.242	0.862	0.558	0.171	0.897
0.893	-1.165	0.828	0.767	-0.199	0.862	0.797	-0.308	0.897
0.583	0.203	0.828	0.822	-1.051	0.862	0.473	0.326	0.897
1.175	-1.658	0.828	0.982	-1.343	0.862	0.341	-0.140	0.897
1.319	-1.908	0.828	0.980	-0.662	0.862	0.233	0.061	0.897
1.243	-1.225	0.828	1.213	-1.753	0.862	0.860	-0.443	0.897
1.227	-1.749	0.828	1.082	-0.896	0.862	1.231	-1.816	0.897
1.062	-1.463	0.828	1.048	-1.461	0.862	-1.305	-1.950	0.897
1.199	-1.119	0.828	1.142	-1.035	0.862	1.283	-1.911	0.897
1.123	-1.568	0.828	1.257	-1.310	0.862	1.230	-1.294	0.897
0.997	-0.648	0.828	1.022	-0.757	0.862	1.165	-1.140	0.897
1.002	-1.358	0.828	1.301	-1.909	0.862	1.005	-0.767	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.161	-1.029	0.828	1.305	-1.425	0.862	1.126	-1.047	0.897
1.276	-1.833	0.828	1.114	-1.578	0.862	1.086	-1.554	0.897
1.322	-1.415	0.828	1.167	-1.671	0.862	1.158	-1.685	0.897
1.099	-0.883	0.828	1.261	-1.837	0.862	1.288	-1.433	0.897
1.036	-0.737	0.828	1.182	-1.130	0.862	1.066	-0.907	0.897
1.275	-1.301	0.828	1.223	-1.228	0.862	1.033	-1.459	0.897
1.489	-2.206	0.828	1.485	-1.867	0.862	1.408	-1.726	0.897
1.619	-2.158	0.828	1.562	-2.293	0.862	1.553	-2.095	0.897
1.362	-1.982	0.828	1.594	-2.279	0.862	1.595	-2.205	0.897
1.508	-2.243	0.828	1.618	-2.235	0.862	1.599	-2.222	0.897
1.561	-2.009	0.828	1.543	-2.016	0.862	1.428	-2.176	0.897
1.547	-2.283	0.828	1.468	-2.211	0.862	1.501	-1.961	0.897
1.582	-2.287	0.828	1.614	-2.251	0.862	1.472	-1.887	0.897
1.633	-2.195	0.828	1.386	-1.622	0.862	1.386	-2.098	0.897
1.638	-2.229	0.828	1.608	-2.183	0.862	1.599	-2.239	0.897
1.503	-1.860	0.828	1.428	-2.135	0.862	1.586	-2.270	0.897
1.637	-2.212	0.828	1.572	-2.091	0.862	1.467	-2.252	0.897
1.634	-2.245	0.828	1.526	-2.288	0.862	1.541	-2.297	0.897
1.383	-2.019	0.828	1.519	-1.954	0.862	1.343	-1.566	0.897
1.564	-2.287	0.828	1.448	-2.173	0.862	1.559	-2.292	0.897
1.410	-2.067	0.828	1.488	-2.248	0.862	1.346	-2.024	0.897
1.614	-2.273	0.828	1.614	-2.201	0.862	1.523	-2.297	0.897
1.626	-2.177	0.828	1.498	-2.265	0.862	1.490	-2.283	0.897
1.443	-1.711	0.828	1.606	-2.266	0.862	1.574	-2.283	0.897
1.599	-2.282	0.828	1.579	-2.288	0.862	1.448	-2.215	0.897
1.519	-2.260	0.828	1.618	-2.218	0.862	1.408	-2.138	0.897
1.447	-2.131	0.828	1.365	-2.022	0.862	1.525	-2.021	0.897
1.400	-1.605	0.828	1.511	-2.279	0.862	1.506	-2.292	0.897
1.532	-2.273	0.828	1.352	-1.540	0.862	1.594	-2.255	0.897
1.468	-2.168	0.828	1.601	-2.165	0.862	1.478	-2.269	0.897
1.369	-1.529	0.828	1.544	-2.293	0.862	1.582	-2.169	0.897
1.626	-2.260	0.828	1.426	-1.720	0.862	1.589	-2.187	0.897
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.744	1.610	0.931	-1.388	1.396	0.966	-1.304	1.586	1.000
-1.208	1.595	0.931	-1.350	1.508	0.966	-1.025	1.293	1.000
-1.027	1.231	0.931	-1.090	1.269	0.966	-1.362	1.364	1.000
-1.082	1.635	0.931	-1.387	1.374	0.966	-1.197	1.658	1.000
-1.125	1.233	0.931	-1.223	1.616	0.966	-0.851	1.679	1.000
-0.871	1.212	0.931	-1.155	1.271	0.966	-1.155	1.307	1.000
-1.319	1.523	0.931	-1.261	1.594	0.966	-1.284	1.318	1.000
-1.399	1.367	0.931	-0.839	1.654	0.966	-1.377	1.439	1.000
-1.349	1.491	0.931	-1.378	1.330	0.966	-0.948	1.278	1.000
-1.396	1.390	0.931	-1.001	1.670	0.966	-1.235	1.638	1.000
-0.721	1.166	0.931	-1.368	1.476	0.966	-1.350	1.347	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	1.192	0.931	-1.024	1.265	0.966	-0.794	1.663	1.000
-1.256	1.229	0.931	-1.354	1.296	0.966	-1.329	1.558	1.000
-1.285	1.551	0.931	-1.296	1.568	0.966	-1.156	1.673	1.000
-1.360	1.247	0.931	-0.787	1.641	0.966	-1.220	1.311	1.000
-1.400	1.345	0.931	-1.141	1.648	0.966	-0.873	1.257	1.000
-1.248	1.575	0.931	-1.253	1.272	0.966	-0.723	1.637	1.000
-1.319	1.232	0.931	-1.056	1.666	0.966	-1.371	1.384	1.000
-0.878	1.640	0.931	-0.893	1.664	0.966	-1.090	1.302	1.000
-1.341	1.238	0.931	-0.794	1.214	0.966	-1.114	1.685	1.000
-1.370	1.460	0.931	-1.285	1.274	0.966	-1.272	1.615	1.000
-1.398	1.322	0.931	-1.336	1.285	0.966	-1.072	1.692	1.000
-1.223	1.230	0.931	-1.327	1.538	0.966	-0.909	1.690	1.000
-1.386	1.426	0.931	-0.869	1.237	0.966	-1.028	1.696	1.000
-1.125	1.625	0.931	-1.381	1.440	0.966	-1.252	1.314	1.000
-0.811	1.628	0.931	-0.721	1.619	0.966	-1.314	1.325	1.000
-1.288	1.229	0.931	-1.385	1.352	0.966	-1.365	1.493	1.000
-1.015	1.644	0.931	-1.315	1.278	0.966	-1.373	1.466	1.000
-1.387	1.278	0.931	-1.099	1.659	0.966	-1.350	1.527	1.000
-1.394	1.300	0.931	-0.947	1.669	0.966	-0.799	1.229	1.000
-1.167	1.612	0.931	-0.946	1.254	0.966	-0.728	1.196	1.000
-0.946	1.646	0.931	-1.368	1.311	0.966	-0.969	1.696	1.000
-0.948	1.225	0.931	-1.386	1.419	0.966	-1.376	1.411	1.000
-1.375	1.261	0.931	-1.220	1.272	0.966	-1.333	1.334	1.000
0.131	0.846	0.931	-0.721	1.184	0.966	-0.445	1.469	1.000
-0.442	0.995	0.931	-1.183	1.634	0.966	-0.659	1.158	1.000
-0.211	0.761	0.931	-0.478	1.487	0.966	0.058	0.919	1.000
-0.037	1.067	0.931	-0.536	1.526	0.966	-0.365	0.923	1.000
-0.095	1.135	0.931	-0.092	0.604	0.966	-0.162	1.195	1.000
-0.577	1.092	0.931	0.047	0.391	0.966	-0.524	1.527	1.000
-0.678	1.587	0.931	-0.102	1.134	0.966	-0.229	1.268	1.000
0.054	0.382	0.931	-0.271	0.832	0.966	-0.370	1.406	1.000
-0.493	1.491	0.931	-0.658	1.592	0.966	-0.654	1.605	1.000
-0.160	0.698	0.931	-0.218	0.770	0.966	-0.433	0.988	1.000
-0.552	1.527	0.931	-0.327	0.892	0.966	-0.181	0.712	1.000
-0.155	1.201	0.931	-0.036	1.054	0.966	-0.505	1.049	1.000
-0.649	1.132	0.931	-0.386	0.950	0.966	0.100	0.288	1.000
-0.380	0.940	0.931	-0.448	1.005	0.966	-0.035	1.043	1.000
-0.217	1.265	0.931	-0.167	0.707	0.966	-0.300	0.855	1.000
-0.614	1.559	0.931	-0.318	1.358	0.966	-0.034	0.505	1.000
-0.349	1.385	0.931	0.128	0.833	0.966	-0.298	1.339	1.000
0.119	0.272	0.931	-0.581	1.105	0.966	-0.105	0.610	1.000
-0.282	1.327	0.931	0.048	0.945	0.966	0.035	0.397	1.000
-0.320	0.883	0.931	-0.396	1.425	0.966	-0.098	1.120	1.000
-0.419	1.440	0.931	-0.243	1.286	0.966	-0.239	0.785	1.000
-0.085	0.595	0.931	-0.020	0.499	0.966	-0.580	1.106	1.000
-0.014	0.489	0.931	0.112	0.281	0.966	0.146	0.791	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.264	0.823	0.931	-0.651	1.148	0.966	-0.588	1.568	1.000
0.050	0.958	0.931	-0.596	1.561	0.966	0.275	-0.032	1.000
-0.508	1.046	0.931	-0.513	1.057	0.966	0.359	-0.195	1.000
0.230	0.073	0.931	-0.171	1.212	0.966	0.389	0.393	1.000
0.210	0.732	0.931	0.831	-0.463	0.966	0.757	-0.332	1.000
0.544	-0.536	0.931	0.617	-0.695	0.966	0.190	0.129	1.000
0.441	-0.332	0.931	0.726	-0.236	0.966	0.607	-0.019	1.000
0.856	-1.151	0.931	0.786	-0.365	0.966	0.897	-1.286	1.000
0.742	-0.928	0.931	0.537	0.145	0.966	0.521	-0.521	1.000
0.463	0.312	0.931	0.871	-0.551	0.966	0.672	-0.831	1.000
0.628	0.000	0.931	0.687	-0.838	0.966	0.880	-0.605	1.000
0.739	-0.226	0.931	0.202	0.122	0.966	0.601	-0.686	1.000
0.845	-0.455	0.931	0.934	-0.692	0.966	0.752	-0.995	1.000
0.973	-1.373	0.931	0.279	0.602	0.966	0.464	0.257	1.000
0.949	-0.685	0.931	0.949	-1.356	0.966	0.854	-0.546	1.000
0.547	0.157	0.931	0.841	-1.146	0.966	0.440	-0.358	1.000
0.285	0.616	0.931	0.453	-0.365	0.966	0.715	-0.243	1.000
0.699	-0.844	0.931	0.371	-0.202	0.966	0.936	-1.363	1.000
0.889	-0.552	0.931	0.287	-0.039	0.966	0.824	-1.141	1.000
0.376	0.465	0.931	0.616	-0.011	0.966	0.974	-0.819	1.000
0.337	-0.129	0.931	0.454	0.299	0.966	0.980	-1.449	1.000
0.931	-1.294	0.931	0.205	0.718	0.966	0.312	0.528	1.000
0.629	-0.704	0.931	0.534	-0.528	0.966	0.231	0.660	1.000
0.782	-1.008	0.931	0.664	-0.109	0.966	0.920	-0.696	1.000
1.084	-0.997	0.931	0.735	-0.936	0.966	0.536	0.120	1.000
1.212	-1.299	0.931	0.368	0.452	0.966	0.819	-0.468	1.000
1.018	-1.456	0.931	1.043	-1.534	0.966	0.714	-0.918	1.000
1.095	-1.600	0.931	1.000	-1.453	0.966	1.187	-1.841	1.000
1.326	-2.025	0.931	1.305	-2.023	0.966	1.045	-1.573	1.000
1.148	-1.148	0.931	1.068	-1.002	0.966	1.100	-1.678	1.000
1.226	-1.841	0.931	1.253	-1.441	0.966	1.175	-1.296	1.000
1.049	-0.916	0.931	1.122	-1.682	0.966	1.018	-0.924	1.000
1.305	-1.522	0.931	1.318	-1.600	0.966	1.014	-1.514	1.000
1.270	-1.439	0.931	1.287	-1.524	0.966	1.283	-2.019	1.000
1.264	-1.911	0.931	1.132	-1.153	0.966	1.156	-1.783	1.000
1.056	-1.527	0.931	1.201	-1.829	0.966	1.277	-1.542	1.000
1.186	-1.768	0.931	0.995	-0.833	0.966	1.235	-1.441	1.000
1.007	-0.818	0.931	1.195	-1.304	0.966	1.056	-1.011	1.000
1.141	-1.684	0.931	1.033	-0.922	0.966	1.308	-1.619	1.000
1.566	-2.271	0.931	1.244	-1.909	0.966	1.222	-1.905	1.000
1.433	-1.837	0.931	1.437	-2.269	0.966	1.115	-1.153	1.000
1.539	-2.293	0.931	1.544	-2.168	0.966	1.353	-1.728	1.000
1.574	-2.256	0.931	1.371	-1.731	0.966	1.535	-2.246	1.000
1.580	-2.223	0.931	1.534	-2.281	0.966	1.365	-2.172	1.000
1.457	-2.270	0.931	1.560	-2.220	0.966	1.526	-2.261	1.000
1.408	-2.178	0.931	1.406	-2.215	0.966	1.397	-1.838	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.534	-2.097	0.931	1.483	-2.295	0.966	1.345	-2.134	1.000
1.427	-2.216	0.931	1.450	-2.282	0.966	1.500	-2.283	1.000
1.579	-2.240	0.931	1.560	-2.237	0.966	1.525	-2.162	1.000
1.470	-2.284	0.931	1.426	-2.252	0.966	1.386	-2.210	1.000
1.521	-2.298	0.931	1.502	-2.295	0.966	1.482	-2.288	1.000
1.503	-2.298	0.931	1.552	-2.186	0.966	1.446	-2.285	1.000
1.485	-2.293	0.931	1.487	-2.022	0.966	1.468	-2.017	1.000
1.347	-1.624	0.931	1.516	-2.095	0.966	1.540	-2.208	1.000
1.387	-2.140	0.931	1.424	-1.863	0.966	1.496	-2.090	1.000
1.506	-2.023	0.931	1.557	-2.203	0.966	1.464	-2.289	1.000
1.446	-2.254	0.931	1.367	-2.139	0.966	1.427	-1.916	1.000
1.473	-1.940	0.931	1.387	-2.177	0.966	1.417	-2.263	1.000
1.570	-2.188	0.931	1.519	-2.290	0.966	1.540	-2.230	1.000
1.576	-2.206	0.931	1.465	-2.291	0.966	1.514	-2.273	1.000
1.563	-2.170	0.931	1.546	-2.268	0.966	1.406	-2.247	1.000
1.390	-1.730	0.931	1.454	-1.939	0.966	1.430	-2.276	1.000
1.554	-2.284	0.931	1.555	-2.254	0.966	1.535	-2.185	1.000

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6. 如权利要求 5 所述的涡轮叶片, 其特征为, 它形成第二级涡轮的一部分。

7. 如权利要求 5 所述的涡轮叶片, 其特征为, 翼面叶片的根部半径为 46.530 英寸, 翼面叶片自根部半径的高度为 13.63 英寸。

8. 一种涡轮 (10), 它包括具有多个叶片 (22) 的一个涡轮叶轮 (16), 每一个所述叶片在与任何翼面表面位置垂直的方向上的翼面包络面形状在 ± 0.160 英寸内; 其中该翼面具有基本上按照表 1 中的 X、Y 和 Z 笛卡儿坐标值的名义轮廓; 其中, Z 为沿着与涡轮回转轴半径方向一致的叶片中心线的无因次值, 通过将 Z 值乘以翼面高度, 并将其乘积与叶片的根部半径相加, 可将该无因次值转换为离所述涡轮轴线的以英寸表示的 Z 距离; 其中, X 和 Y 为确定在每一个距离 Z 处的翼面轮廓的以英寸表示的距离, 在 Z 距离处的轮廓彼此平滑地连接, 形成一个完整的翼面形状, 其中:

表 1

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.672	0.175	0.000	-1.522	0.173	0.035	-1.697	0.458	0.069
-1.429	0.908	0.000	-1.268	0.141	0.035	-1.477	0.201	0.069
-1.614	0.152	0.000	-1.684	0.229	0.035	-1.701	0.310	0.069
-1.734	0.278	0.000	-1.406	0.936	0.035	-1.351	0.182	0.069
-1.725	0.378	0.000	-1.722	0.352	0.035	-1.561	0.745	0.069
-1.631	0.612	0.000	-1.538	0.771	0.035	-1.589	0.225	0.069
-1.485	0.134	0.000	-1.597	0.188	0.035	-1.705	0.425	0.069
-1.496	0.825	0.000	-1.722	0.319	0.035	-1.663	0.557	0.069
-1.731	0.344	0.000	-1.664	0.215	0.035	-1.599	0.684	0.069
-1.693	0.480	0.000	-1.475	0.855	0.035	-1.520	0.803	0.069
-1.518	0.137	0.000	-1.615	0.648	0.035	-1.420	0.925	0.069
-1.357	0.987	0.000	-1.711	0.418	0.035	-1.515	0.208	0.069
-1.557	0.737	0.000	-1.678	0.519	0.035	-1.472	0.865	0.069
-1.734	0.311	0.000	-1.358	0.151	0.035	-1.707	0.334	0.069
-1.453	0.130	0.000	-1.718	0.385	0.035	-1.710	0.360	0.069
-1.692	0.188	0.000	-1.485	0.167	0.035	-1.690	0.288	0.069
-1.273	0.113	0.000	-1.632	0.199	0.035	-1.709	0.392	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.664	0.547	0.000	-1.271	1.065	0.035	-1.440	0.195	0.069
-1.644	0.161	0.000	-1.711	0.269	0.035	-1.307	1.034	0.069
-1.721	0.228	0.000	-1.447	0.162	0.035	-1.261	0.170	0.069
-1.582	0.146	0.000	-1.648	0.584	0.035	-1.365	0.981	0.069
-1.730	0.252	0.000	-1.578	0.710	0.035	-1.688	0.490	0.069
-1.596	0.675	0.000	-1.702	0.451	0.035	-1.623	0.238	0.069
-1.716	0.411	0.000	-1.331	1.011	0.035	-1.552	0.216	0.069
-1.298	1.044	0.000	-1.718	0.294	0.035	-1.633	0.622	0.069
-1.709	0.206	0.000	-1.560	0.179	0.035	-1.674	0.270	0.069
-1.550	0.141	0.000	-1.700	0.247	0.035	-1.656	0.255	0.069
-1.059	0.087	0.000	-1.207	1.114	0.035	-0.895	1.268	0.069
-0.960	1.265	0.000	-0.850	1.289	0.035	-1.180	1.132	0.069
-1.033	1.232	0.000	-1.054	0.112	0.035	-0.941	0.120	0.069
-0.885	1.293	0.000	-0.999	1.237	0.035	-0.807	0.091	0.069
-0.952	0.069	0.000	-0.813	0.066	0.035	-1.101	0.148	0.069
-1.172	1.147	0.000	-1.141	1.160	0.035	-0.819	1.288	0.069
-0.818	0.041	0.000	-1.161	0.127	0.035	-1.112	1.174	0.069
-1.104	1.192	0.000	-0.947	0.094	0.035	-1.042	1.211	0.069
-0.809	1.314	0.000	-0.926	1.266	0.035	-0.969	1.243	0.069
-1.237	1.097	0.000	-1.071	1.201	0.035	-1.245	1.085	0.069
-1.166	0.101	0.000	-0.680	0.031	0.035	-0.505	1.302	0.069
-0.554	-0.034	0.000	-0.145	1.197	0.035	0.175	0.982	0.069
-0.025	1.136	0.000	-0.299	1.263	0.035	-0.050	-0.208	0.069
-0.649	1.333	0.000	-0.296	-0.109	0.035	-0.349	1.270	0.069
-0.250	1.256	0.000	-0.071	1.157	0.035	-0.273	1.245	0.069
0.062	-0.326	0.000	-0.615	1.319	0.035	-0.544	0.016	0.069
-0.426	-0.081	0.000	-0.054	-0.232	0.035	-0.291	-0.084	0.069
-0.098	1.181	0.000	-0.773	1.306	0.035	-0.585	1.308	0.069
-0.685	0.007	0.000	-0.422	-0.056	0.035	0.066	-0.278	0.069
-0.177	-0.193	0.000	-0.221	1.233	0.035	-0.742	1.301	0.069
-0.300	-0.134	0.000	0.001	1.113	0.035	-0.664	1.308	0.069
-0.056	-0.257	0.000	0.156	1.001	0.035	-0.196	1.214	0.069
-0.408	1.307	0.000	0.070	1.065	0.035	-0.416	-0.031	0.069
-0.173	1.221	0.000	-0.535	1.315	0.035	0.023	1.094	0.069
0.132	1.024	0.000	-0.695	1.316	0.035	-0.170	-0.143	0.069
-0.488	1.323	0.000	-0.376	1.286	0.035	-0.427	1.289	0.069
-0.329	1.285	0.000	0.064	-0.302	0.035	-0.674	0.057	0.069
-0.730	1.327	0.000	-0.174	-0.168	0.035	0.091	1.046	0.069
0.046	1.089	0.000	-0.550	-0.010	0.035	-0.121	1.178	0.069
-0.568	1.331	0.000	-0.455	1.304	0.035	-0.048	1.138	0.069
0.746	-0.844	0.000	0.886	-0.958	0.035	0.707	0.429	0.069
0.528	-0.659	0.000	0.238	0.932	0.035	0.484	0.691	0.069
1.029	-1.112	0.000	0.301	-0.462	0.035	0.335	0.842	0.069
0.450	0.730	0.000	0.469	0.708	0.035	0.185	-0.357	0.069
0.638	-0.750	0.000	0.415	-0.548	0.035	0.302	-0.440	0.069
0.301	-0.485	0.000	0.184	-0.379	0.035	0.912	0.152	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.682	0.466	0.000	0.905	0.167	0.035	0.741	-0.808	0.069
1.096	-0.105	0.000	0.744	-0.825	0.035	0.882	-0.943	0.069
0.416	-0.570	0.000	1.100	-0.122	0.035	1.009	0.009	0.069
0.297	0.883	0.000	0.527	-0.638	0.035	0.527	-0.619	0.069
0.183	-0.404	0.000	0.637	-0.730	0.035	0.411	0.767	0.069
0.375	0.808	0.000	0.696	0.445	0.035	0.257	0.913	0.069
0.889	-0.976	0.000	1.025	-1.096	0.035	1.019	-1.082	0.069
0.568	0.600	0.000	1.004	0.024	0.035	0.635	-0.712	0.069
0.896	0.186	0.000	0.585	0.579	0.035	0.415	-0.528	0.069
0.216	0.955	0.000	0.802	0.308	0.035	0.598	0.562	0.069
0.791	0.327	0.000	0.395	0.785	0.035	1.102	-0.137	0.069
0.998	0.042	0.000	0.318	0.860	0.035	0.811	0.292	0.069
1.259	-0.365	0.000	1.291	-1.381	0.035	1.347	-0.553	0.069
1.305	-0.442	0.000	1.571	-0.951	0.035	1.192	-0.284	0.069
1.533	-1.663	0.000	1.612	-1.034	0.035	1.602	-1.044	0.069
1.415	-0.633	0.000	1.514	-0.840	0.035	1.462	-0.768	0.069
1.360	-0.535	0.000	1.159	-1.237	0.035	1.409	-1.519	0.069
1.521	-0.826	0.000	1.465	-0.747	0.035	1.283	-1.371	0.069
1.621	-1.022	0.000	1.411	-0.648	0.035	1.153	-1.225	0.069
1.576	-0.932	0.000	1.193	-0.270	0.035	1.493	-1.622	0.069
1.298	-1.394	0.000	1.523	-1.653	0.035	1.301	-0.471	0.069
1.191	-0.253	0.000	1.419	-1.528	0.035	1.550	-0.940	0.069
1.427	-1.540	0.000	1.304	-0.458	0.035	1.505	-0.851	0.069
1.481	-0.752	0.000	1.366	-0.567	0.035	1.562	-1.709	0.069
1.165	-1.252	0.000	1.625	-1.780	0.035	1.405	-0.660	0.069
1.979	-2.217	0.000	2.039	-2.210	0.035	1.865	-2.124	0.069
1.898	-2.139	0.000	2.046	-2.014	0.035	2.059	-2.167	0.069
2.087	-2.182	0.000	1.894	-2.149	0.035	2.065	-2.149	0.069
2.057	-2.210	0.000	1.968	-2.219	0.035	1.986	-2.221	0.069
2.103	-2.145	0.000	2.059	-2.045	0.035	1.920	-2.200	0.069
1.934	-2.187	0.000	2.068	-2.184	0.035	2.049	-2.185	0.069
1.906	-1.636	0.000	1.724	-1.910	0.035	1.851	-2.103	0.069
2.005	-2.222	0.000	1.922	-2.187	0.035	2.026	-2.016	0.069
1.881	-2.113	0.000	1.866	-2.108	0.035	2.039	-2.048	0.069
2.097	-2.164	0.000	2.082	-2.107	0.035	1.951	-2.218	0.069
2.105	-2.124	0.000	1.880	-2.128	0.035	1.935	-2.211	0.069
2.078	-2.042	0.000	1.666	-1.144	0.035	2.062	-2.109	0.069
1.916	-2.164	0.000	1.986	-2.222	0.035	1.866	-1.628	0.069
1.718	-1.220	0.000	1.770	-1.368	0.035	1.710	-1.904	0.069
1.997	-1.851	0.000	2.033	-1.982	0.035	2.066	-2.129	0.069
2.102	-2.104	0.000	2.072	-2.077	0.035	1.968	-2.221	0.069
2.073	-2.198	0.000	1.908	-2.169	0.035	1.963	-1.860	0.069
1.835	-2.047	0.000	1.820	-1.479	0.035	2.014	-1.985	0.069
2.040	-2.217	0.000	1.880	-1.617	0.035	1.742	-1.345	0.069
2.051	-1.979	0.000	2.085	-2.127	0.035	1.879	-2.144	0.069
2.065	-2.010	0.000	2.084	-2.147	0.035	1.906	-2.184	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.834	-1.471	0.000	1.928	-1.730	0.035	1.892	-2.164	0.069
1.877	-1.570	0.000	1.937	-2.203	0.035	1.652	-1.150	0.069
2.023	-2.221	0.000	1.707	-1.231	0.035	1.781	-2.003	0.069
1.955	-2.205	0.000	2.078	-2.166	0.035	1.694	-1.239	0.069
1.637	-1.789	0.000	2.022	-2.218	0.035	2.052	-2.079	0.069
1.787	-1.981	0.000	2.004	-2.221	0.035	1.645	-1.817	0.069
1.738	-1.916	0.000	2.054	-2.199	0.035	2.003	-2.218	0.069
1.772	-1.336	0.000	1.820	-2.041	0.035	2.036	-2.200	0.069
2.092	-2.073	0.000	1.772	-1.975	0.035	1.911	-1.735	0.069
1.673	-1.126	0.000	1.952	-2.212	0.035	1.805	-1.486	0.069
1.944	-1.724	0.000	1.981	-1.856	0.035	2.020	-2.211	0.069
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.155	1.149	0.103	-1.635	0.334	0.138	-1.304	1.060	0.172
-1.506	0.244	0.103	-1.662	0.566	0.138	-1.485	0.320	0.172
-1.221	1.106	0.103	-1.679	0.503	0.138	-1.671	0.453	0.172
-1.698	0.400	0.103	-1.653	0.349	0.138	-1.418	0.957	0.172
-1.503	0.836	0.103	-1.324	1.033	0.138	-1.665	0.429	0.172
-0.792	1.289	0.103	-1.668	0.368	0.138	-1.623	0.373	0.172
-1.649	0.594	0.103	-1.686	0.439	0.138	-1.641	0.388	0.172
-1.094	0.178	0.103	-1.435	0.926	0.138	-1.659	0.573	0.172
-1.579	0.263	0.103	-1.459	0.273	0.138	-1.622	0.668	0.172
-1.618	0.658	0.103	-1.683	0.414	0.138	-1.592	0.355	0.172
-1.453	0.896	0.103	-1.569	0.302	0.138	-1.553	0.789	0.172
-1.015	1.222	0.103	-1.422	0.266	0.138	-1.322	0.287	0.172
-1.583	0.719	0.103	-1.678	0.390	0.138	-1.522	0.329	0.172
-1.432	0.230	0.103	-1.604	0.694	0.138	-1.667	0.541	0.172
-1.343	0.215	0.103	-1.333	0.250	0.138	-1.513	0.846	0.172
-1.469	0.237	0.103	-1.684	0.471	0.138	-1.655	0.407	0.172
-0.814	0.122	0.103	-1.264	1.082	0.138	-1.469	0.900	0.172
-1.086	1.188	0.103	-1.636	0.631	0.138	-1.411	0.304	0.172
-1.543	0.253	0.103	-1.603	0.316	0.138	-1.672	0.510	0.172
-1.664	0.310	0.103	-1.486	0.868	0.138	-1.558	0.341	0.172
-1.400	0.953	0.103	-1.568	0.754	0.138	-1.673	0.478	0.172
-1.344	1.007	0.103	-1.529	0.812	0.138	-1.448	0.312	0.172
-1.614	0.277	0.103	-1.496	0.282	0.138	-1.590	0.730	0.172
-0.867	1.273	0.103	-1.533	0.291	0.138	-1.649	0.604	0.172
-1.689	0.350	0.103	-1.381	0.982	0.138	-1.363	1.010	0.172
-1.675	0.528	0.103	-1.671	0.535	0.138	-0.893	1.271	0.172
-1.679	0.328	0.103	-0.917	1.260	0.138	-0.916	0.211	0.172
-0.942	1.251	0.103	-1.132	1.168	0.138	-1.243	1.106	0.172
-1.285	1.058	0.103	-1.244	0.236	0.138	-1.178	1.149	0.172
-1.697	0.432	0.103	-0.842	1.279	0.138	-0.796	0.182	0.172
-1.545	0.779	0.103	-0.926	0.179	0.138	-1.040	1.220	0.172
-0.934	0.149	0.103	-0.806	0.151	0.138	-1.074	0.244	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.695	0.374	0.103	-1.062	1.204	0.138	-0.819	1.287	0.172
-1.692	0.465	0.103	-0.991	1.234	0.138	-1.234	0.272	0.172
-1.253	0.202	0.103	-1.085	0.210	0.138	-1.110	1.187	0.172
-1.646	0.295	0.103	-1.199	1.127	0.138	-0.968	1.248	0.172
-1.684	0.497	0.103	-0.380	1.269	0.138	-0.125	-0.090	0.172
-0.029	1.122	0.103	-0.767	1.292	0.138	-0.591	1.302	0.172
-0.402	1.277	0.103	-0.082	1.150	0.138	-0.436	1.282	0.172
-0.250	1.231	0.103	-0.155	1.187	0.138	-0.678	0.148	0.172
-0.350	-0.031	0.103	-0.535	1.296	0.138	-0.562	0.110	0.172
-0.578	0.055	0.103	-0.028	-0.172	0.138	-0.513	1.295	0.172
-0.136	-0.135	0.103	0.073	-0.236	0.138	-0.448	0.067	0.172
-0.325	1.257	0.103	-0.236	-0.057	0.138	0.054	1.067	0.172
-0.637	1.303	0.103	-0.230	1.220	0.138	0.137	1.008	0.172
-0.100	1.163	0.103	-0.131	-0.112	0.138	-0.212	1.212	0.172
-0.174	1.199	0.103	-0.690	1.300	0.138	-0.031	1.121	0.172
0.041	1.078	0.103	-0.457	1.285	0.138	-0.023	-0.151	0.172
0.069	-0.256	0.103	-0.687	0.119	0.138	-0.360	1.264	0.172
-0.715	1.299	0.103	0.124	1.018	0.138	-0.230	-0.034	0.172
-0.695	0.091	0.103	-0.456	0.040	0.138	0.076	-0.217	0.172
-0.463	0.014	0.103	-0.613	1.301	0.138	-0.667	1.303	0.172
0.109	1.031	0.103	-0.570	0.082	0.138	-0.120	1.170	0.172
-0.242	-0.081	0.103	-0.304	1.247	0.138	-0.337	0.019	0.172
-0.558	1.301	0.103	-0.012	1.110	0.138	-0.285	1.240	0.172
-0.480	1.292	0.103	-0.344	-0.006	0.138	-0.743	1.298	0.172
-0.032	-0.193	0.103	0.057	1.065	0.138	0.994	-1.058	0.172
1.101	-0.149	0.103	1.134	-1.209	0.138	0.625	-0.674	0.172
0.525	-0.602	0.103	1.010	-0.015	0.138	0.726	0.393	0.172
0.715	0.415	0.103	0.415	-0.494	0.138	1.095	-0.169	0.172
1.012	-1.071	0.103	0.505	0.665	0.138	1.122	-1.205	0.172
0.633	-0.697	0.103	0.524	-0.588	0.138	0.513	0.655	0.172
0.877	-0.931	0.103	0.870	-0.921	0.138	0.192	-0.300	0.172
0.303	-0.421	0.103	0.190	-0.317	0.138	0.305	-0.388	0.172
0.818	0.278	0.103	0.721	0.403	0.138	0.727	-0.774	0.172
1.010	-0.004	0.103	0.361	0.815	0.138	0.371	0.805	0.172
0.424	0.753	0.103	0.918	0.127	0.138	0.824	0.257	0.172
0.415	-0.510	0.103	1.099	-0.160	0.138	0.862	-0.914	0.172
0.272	0.898	0.103	0.304	-0.404	0.138	0.218	0.944	0.172
0.738	-0.794	0.103	0.434	0.741	0.138	0.295	0.876	0.172
0.608	0.548	0.103	0.206	0.954	0.138	0.918	0.117	0.172
0.916	0.138	0.103	0.629	-0.684	0.138	1.009	-0.025	0.172
0.496	0.676	0.103	0.822	0.267	0.138	0.443	0.731	0.172
1.144	-1.216	0.103	0.733	-0.783	0.138	0.521	-0.576	0.172
0.188	-0.336	0.103	1.004	-1.063	0.138	0.622	0.526	0.172
0.349	0.827	0.103	0.616	0.536	0.138	0.414	-0.480	0.172
0.192	0.966	0.103	0.285	0.886	0.138	1.538	-1.020	0.172
1.390	-0.657	0.103	1.241	-0.406	0.138	1.247	-1.355	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.680	-1.247	0.103	1.384	-1.508	0.138	1.518	-1.699	0.172
1.742	-1.386	0.103	1.453	-1.595	0.138	1.587	-1.127	0.172
1.890	-2.180	0.103	1.185	-0.306	0.138	1.424	-0.782	0.172
1.918	-2.209	0.103	1.436	-0.774	0.138	1.179	-0.316	0.172
2.046	-2.149	0.103	1.495	-0.894	0.138	1.313	-1.437	0.172
1.846	-1.626	0.103	1.609	-1.132	0.138	1.254	-0.453	0.172
1.849	-2.120	0.103	1.534	-1.701	0.138	1.369	-1.506	0.172
1.904	-2.198	0.103	1.384	-0.672	0.138	1.443	-1.602	0.172
1.463	-1.594	0.103	1.614	-1.807	0.138	1.487	-0.913	0.172
1.968	-2.221	0.103	1.552	-1.013	0.138	1.358	-0.652	0.172
1.933	-2.216	0.103	1.260	-1.358	0.138	1.179	-1.273	0.172
1.397	-1.513	0.103	1.313	-0.539	0.138	1.304	-0.547	0.172
2.042	-2.110	0.103	1.854	-2.147	0.138	1.592	-1.797	0.172
1.893	-1.739	0.103	1.968	-2.219	0.138	2.004	-2.169	0.172
1.272	-1.363	0.103	1.950	-2.222	0.138	2.001	-2.112	0.172
1.863	-2.140	0.103	1.837	-2.121	0.138	1.735	-1.994	0.172
1.446	-0.765	0.103	2.027	-2.150	0.138	1.647	-1.260	0.172
2.041	-2.168	0.103	1.933	-2.220	0.138	1.774	-2.049	0.172
1.549	-1.704	0.103	1.715	-1.369	0.138	1.706	-1.393	0.172
1.994	-1.986	0.103	1.771	-1.497	0.138	1.873	-2.193	0.172
1.950	-2.221	0.103	1.751	-1.996	0.138	2.006	-2.131	0.172
1.986	-2.218	0.103	1.948	-1.924	0.138	1.900	-2.215	0.172
1.877	-2.160	0.103	1.902	-2.207	0.138	1.886	-2.205	0.172
2.018	-2.200	0.103	1.916	-2.216	0.138	1.983	-2.202	0.172
1.695	-1.900	0.103	2.022	-2.168	0.138	1.916	-2.220	0.172
1.630	-1.140	0.103	2.000	-2.201	0.138	1.967	-2.213	0.172
2.006	-2.018	0.103	1.664	-1.254	0.138	1.664	-1.895	0.172
1.267	-0.431	0.103	2.021	-2.111	0.138	1.803	-1.619	0.172
2.046	-2.130	0.103	1.826	-1.625	0.138	1.995	-2.187	0.172
1.633	-1.815	0.103	2.011	-2.081	0.138	1.951	-2.219	0.172
1.789	-1.492	0.103	1.871	-2.172	0.138	1.839	-2.144	0.172
1.836	-2.099	0.103	2.013	-2.186	0.138	1.753	-1.502	0.172
1.566	-1.005	0.103	1.974	-1.988	0.138	1.985	-2.072	0.172
2.002	-2.211	0.103	1.680	-1.897	0.138	1.905	-1.867	0.172
1.321	-0.529	0.103	1.998	-2.050	0.138	1.855	-1.745	0.172
2.031	-2.185	0.103	1.820	-2.096	0.138	2.007	-2.150	0.172
1.944	-1.863	0.103	2.026	-2.131	0.138	1.822	-2.119	0.172
2.032	-2.080	0.103	1.925	-1.865	0.138	1.933	-2.222	0.172
1.510	-0.891	0.103	1.985	-2.212	0.138	1.969	-2.031	0.172
1.766	-1.999	0.103	1.986	-2.019	0.138	1.804	-2.093	0.172
1.189	-0.296	0.103	1.888	-2.195	0.138	1.856	-2.169	0.172
2.019	-2.049	0.103	1.874	-1.742	0.138	1.953	-1.990	0.172
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.659	0.547	0.207	-1.574	0.781	0.241	-1.459	0.954	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.345	1.039	0.207	-1.597	0.450	0.241	-1.420	0.996	0.276
-1.398	0.343	0.207	-1.532	0.419	0.241	-1.560	0.816	0.276
-1.453	0.932	0.207	-1.634	0.647	0.241	-1.557	0.473	0.276
-1.472	0.360	0.207	-1.566	0.432	0.241	-1.633	0.567	0.276
-1.435	0.351	0.207	-1.615	0.465	0.241	-1.611	0.715	0.276
-1.525	0.842	0.207	-1.601	0.730	0.241	-1.529	0.864	0.276
-1.614	0.694	0.207	-1.267	1.114	0.241	-1.634	0.622	0.276
-1.545	0.380	0.207	-1.459	0.400	0.241	-1.528	0.461	0.276
-1.579	0.393	0.207	-1.646	0.529	0.241	-1.371	0.425	0.276
-1.310	0.326	0.207	-1.639	0.506	0.241	-1.588	0.767	0.276
-1.653	0.467	0.207	-1.208	0.350	0.241	-1.366	1.048	0.276
-1.401	0.987	0.207	-0.774	0.249	0.241	-1.498	0.452	0.276
-1.646	0.610	0.207	0.160	0.993	0.241	-1.402	0.431	0.276
-1.658	0.491	0.207	0.080	1.053	0.241	-1.616	0.522	0.276
-1.628	0.427	0.207	-0.624	1.316	0.241	-1.601	0.504	0.276
-1.661	0.516	0.207	-0.114	-0.048	0.241	-1.308	1.097	0.276
-1.643	0.446	0.207	-0.658	0.211	0.241	-1.635	0.591	0.276
-1.588	0.745	0.207	-0.699	1.316	0.241	-1.466	0.445	0.276
-1.610	0.412	0.207	-0.091	1.160	0.241	-1.626	0.544	0.276
-1.558	0.795	0.207	-1.437	0.964	0.241	-1.434	0.438	0.276
-1.490	0.888	0.207	0.083	-0.183	0.241	-1.621	0.684	0.276
-1.285	1.087	0.207	-0.398	1.283	0.241	-1.584	0.489	0.276
-1.509	0.369	0.207	-0.543	0.169	0.241	-1.495	0.910	0.276
-1.654	0.579	0.207	-0.849	1.298	0.241	-1.629	0.654	0.276
-1.636	0.641	0.207	-1.383	1.018	0.241	-1.247	1.141	0.276
-1.221	0.310	0.207	-0.996	1.257	0.241	-0.984	0.346	0.276
-1.157	1.171	0.207	-1.068	1.228	0.241	-0.880	0.320	0.276
-0.871	1.284	0.207	-0.217	0.013	0.241	-1.116	1.218	0.276
-1.063	0.280	0.207	-1.137	1.195	0.241	-0.975	1.276	0.276
-0.905	0.245	0.207	-1.296	0.366	0.241	-1.184	1.181	0.276
-0.786	0.214	0.207	-1.384	0.384	0.241	-1.046	1.250	0.276
-1.018	1.238	0.207	-1.421	0.392	0.241	-1.089	0.370	0.276
-1.223	1.131	0.207	-0.431	0.122	0.241	-0.827	1.313	0.276
-0.945	1.264	0.207	-1.327	1.068	0.241	-1.194	0.391	0.276
-0.796	1.298	0.207	-0.180	1.205	0.241	-0.901	1.297	0.276
-1.089	1.207	0.207	-0.015	-0.113	0.241	-0.752	1.322	0.276
0.067	1.059	0.207	-0.473	1.300	0.241	-0.379	1.286	0.276
-0.416	1.282	0.207	-1.629	0.484	0.241	-0.314	0.097	0.276
-0.668	0.179	0.207	-1.647	0.585	0.241	-0.763	0.285	0.276
-0.019	-0.132	0.207	-0.324	1.262	0.241	-0.010	-0.094	0.276
-0.017	1.114	0.207	-0.893	0.281	0.241	0.091	1.047	0.276
-0.569	1.305	0.207	-0.774	1.310	0.241	-0.306	1.262	0.276
-0.329	0.044	0.207	-1.642	0.616	0.241	-0.210	0.038	0.276
-0.105	1.164	0.207	-1.544	0.830	0.241	-0.453	1.304	0.276
-0.553	0.139	0.207	-1.648	0.554	0.241	-0.602	1.324	0.276
-0.341	1.262	0.207	-0.251	1.236	0.241	-0.077	1.156	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.440	0.094	0.207	-0.322	0.069	0.241	-0.533	0.201	0.276
0.149	1.000	0.207	-1.204	1.156	0.241	-0.165	1.203	0.276
-0.223	-0.010	0.207	-1.496	0.409	0.241	-0.235	1.235	0.276
-0.196	1.208	0.207	-1.475	0.921	0.241	-0.647	0.246	0.276
-0.268	1.237	0.207	-0.548	1.311	0.241	0.009	1.104	0.276
0.080	-0.200	0.207	-1.624	0.678	0.241	-0.422	0.152	0.276
-0.645	1.308	0.207	-1.050	0.318	0.241	-0.109	-0.026	0.276
-0.721	1.306	0.207	-0.923	1.280	0.241	-0.677	1.326	0.276
-0.120	-0.069	0.207	-1.511	0.876	0.241	0.171	0.986	0.276
-0.492	1.296	0.207	-0.004	1.109	0.241	0.086	-0.166	0.276
0.518	-0.566	0.207	1.035	-1.135	0.241	-0.528	1.317	0.276
0.720	-0.767	0.207	1.092	-1.204	0.241	1.076	-0.198	0.276
1.044	-1.128	0.207	0.258	0.911	0.241	0.509	-0.548	0.276
0.413	-0.469	0.207	0.730	0.375	0.241	0.730	0.365	0.276
0.627	0.517	0.207	0.824	0.238	0.241	0.359	0.816	0.276
0.194	-0.285	0.207	0.842	-0.907	0.241	0.911	0.088	0.276
1.090	-0.179	0.207	0.614	-0.658	0.241	0.529	0.627	0.276
0.982	-1.056	0.207	0.525	0.637	0.241	0.267	0.903	0.276
0.620	-0.665	0.207	1.153	-1.279	0.241	0.822	0.228	0.276
0.919	-0.983	0.207	1.163	-0.334	0.241	0.408	-0.447	0.276
1.108	-1.204	0.207	1.484	-1.700	0.241	0.995	-0.054	0.276
0.520	0.646	0.207	1.506	-1.035	0.241	0.703	-0.758	0.276
0.305	-0.375	0.207	1.899	-2.223	0.241	1.029	-1.147	0.276
0.825	0.247	0.207	1.933	-2.215	0.241	0.830	-0.905	0.276
0.433	0.741	0.207	1.882	-2.221	0.241	0.607	-0.652	0.276
0.343	0.832	0.207	1.864	-1.874	0.241	0.304	-0.350	0.276
0.248	0.919	0.207	1.701	-1.992	0.241	0.878	-0.962	0.276
0.853	-0.910	0.207	1.969	-2.153	0.241	1.076	-1.205	0.276
1.005	-0.034	0.207	1.768	-1.639	0.241	0.197	-0.255	0.276
0.917	0.108	0.207	1.867	-2.214	0.241	1.124	-1.266	0.276
0.728	0.384	0.207	1.772	-2.091	0.241	0.954	-1.054	0.276
1.164	-1.272	0.207	1.567	-1.171	0.241	0.632	0.498	0.276
1.522	-1.027	0.207	1.349	-0.699	0.241	0.446	0.723	0.276
1.411	-0.791	0.207	0.630	0.508	0.241	1.490	-1.043	0.276
1.584	-1.809	0.207	1.853	-2.204	0.241	1.197	-1.357	0.276
1.231	-1.354	0.207	1.815	-1.753	0.241	1.314	-0.663	0.276
1.298	-1.438	0.207	1.841	-2.190	0.241	1.317	-1.510	0.276
1.450	-0.874	0.207	1.796	-2.125	0.241	1.382	-1.594	0.276
1.231	-0.436	0.207	1.912	-1.995	0.241	1.382	-0.808	0.276
1.353	-1.507	0.207	0.351	0.824	0.241	1.154	-0.344	0.276
1.355	-0.677	0.207	1.084	-0.188	0.241	1.229	-0.490	0.276
1.417	-1.590	0.207	1.966	-2.134	0.241	1.271	-0.575	0.276
1.592	-1.182	0.207	1.283	-0.565	0.241	1.541	-1.159	0.276
1.172	-0.325	0.207	0.968	-1.055	0.241	1.548	-1.811	0.276
1.501	-1.699	0.207	1.947	-2.204	0.241	1.450	-0.954	0.276
1.294	-0.556	0.207	0.915	0.098	0.241	1.465	-1.702	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.789	-2.092	0.207	1.629	-1.894	0.241	1.269	-1.449	0.276
1.647	-1.894	0.207	1.335	-1.508	0.241	1.899	-2.223	0.276
1.884	-1.870	0.207	0.305	-0.362	0.241	1.756	-2.091	0.276
1.870	-2.204	0.207	1.959	-2.189	0.241	1.779	-2.124	0.276
1.835	-1.749	0.207	0.900	-0.975	0.241	1.825	-2.190	0.276
1.899	-2.221	0.207	1.215	-0.433	0.241	1.915	-2.217	0.276
1.933	-1.992	0.207	1.275	-1.432	0.241	1.646	-1.402	0.276
1.985	-2.170	0.207	1.612	-1.273	0.241	1.882	-2.225	0.276
1.734	-1.507	0.207	1.397	-0.799	0.241	1.594	-1.280	0.276
1.988	-2.152	0.207	1.936	-2.055	0.241	1.929	-2.206	0.276
1.965	-2.203	0.207	1.214	-1.356	0.241	1.892	-1.998	0.276
1.630	-1.266	0.207	0.196	-0.270	0.241	1.611	-1.895	0.276
1.916	-2.222	0.207	1.444	-0.900	0.241	1.946	-2.137	0.276
1.933	-2.220	0.207	1.819	-2.158	0.241	1.865	-2.222	0.276
1.812	-2.126	0.207	1.715	-1.512	0.241	1.940	-2.191	0.276
1.835	-2.159	0.207	1.398	-1.589	0.241	1.743	-1.630	0.276
1.950	-2.214	0.207	0.514	-0.557	0.241	1.947	-2.174	0.276
1.949	-2.033	0.207	1.737	-2.041	0.241	1.844	-1.878	0.276
1.857	-2.191	0.207	1.661	-1.386	0.241	1.795	-1.758	0.276
1.883	-2.214	0.207	0.440	0.732	0.241	1.837	-2.204	0.276
1.718	-1.993	0.207	0.712	-0.762	0.241	1.696	-1.518	0.276
1.964	-2.073	0.207	1.960	-2.115	0.241	1.915	-2.058	0.276
1.798	-1.658	0.207	1.916	-2.221	0.241	1.949	-2.156	0.276
1.980	-2.113	0.207	1.001	-0.044	0.241	1.684	-1.993	0.276
1.669	-1.356	0.207	1.966	-2.172	0.241	1.939	-2.118	0.276
1.986	-2.133	0.207	0.411	-0.458	0.241	1.802	-2.157	0.276
1.977	-2.188	0.207	1.569	-1.813	0.241	1.850	-2.215	0.276
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.603	0.561	0.310	-1.602	0.729	0.345	-1.566	0.827	0.379
-1.571	0.527	0.310	-1.505	0.539	0.345	-1.362	1.090	0.379
-1.347	1.078	0.310	-1.327	1.108	0.345	-1.594	0.738	0.379
-1.545	0.512	0.310	-1.268	1.153	0.345	-1.578	0.798	0.379
-1.227	1.168	0.310	-1.592	0.600	0.345	-1.581	0.640	0.379
-1.454	0.484	0.310	-1.411	0.517	0.345	-1.441	1.011	0.379
-1.390	0.471	0.310	-1.496	0.933	0.345	-1.402	0.554	0.379
-1.589	0.543	0.310	-1.578	0.582	0.345	-1.305	1.137	0.379
-1.597	0.752	0.310	-1.534	0.551	0.345	-1.370	0.549	0.379
-1.623	0.630	0.310	-1.558	0.839	0.345	-1.541	0.876	0.379
-1.485	0.492	0.310	-1.460	0.977	0.345	-1.249	0.531	0.379
-1.621	0.660	0.310	-1.610	0.668	0.345	-1.511	0.923	0.379
-1.614	0.582	0.310	-1.528	0.888	0.345	-1.588	0.768	0.379
-1.441	0.987	0.310	-1.347	0.505	0.345	-1.403	1.051	0.379
-1.516	0.500	0.310	-1.602	0.621	0.345	-1.595	0.684	0.379
-1.620	0.605	0.310	-1.608	0.644	0.345	-1.434	0.561	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.422	0.478	0.310	-1.608	0.699	0.345	-1.477	0.968	0.379
-1.402	1.027	0.310	-1.383	1.059	0.345	-1.245	1.180	0.379
-1.289	1.125	0.310	-1.593	0.759	0.345	-1.567	0.621	0.379
-1.616	0.691	0.310	-1.582	0.789	0.345	-1.525	0.589	0.379
-1.513	0.899	0.310	-1.423	1.019	0.345	-1.597	0.708	0.379
-1.478	0.944	0.310	-1.443	0.523	0.345	-1.496	0.577	0.379
-1.545	0.852	0.310	-1.379	0.511	0.345	-1.338	0.544	0.379
-1.274	0.450	0.310	-1.475	0.530	0.345	-1.466	0.568	0.379
-1.608	0.722	0.310	-1.560	0.566	0.345	-1.590	0.661	0.379
-1.358	0.465	0.310	-0.856	0.405	0.345	-1.551	0.606	0.379
-1.573	0.803	0.310	-1.141	1.230	0.345	-1.117	1.253	0.379
-1.163	1.206	0.310	-1.170	0.476	0.345	-0.905	1.328	0.379
-1.024	1.270	0.310	-0.960	0.432	0.345	-1.183	1.219	0.379
-1.095	1.241	0.310	-1.205	1.194	0.345	-0.844	0.451	0.379
-0.879	1.314	0.310	-1.072	1.262	0.345	-1.054	0.501	0.379
-0.804	1.327	0.310	-1.065	0.456	0.345	-0.832	1.342	0.379
-1.076	0.412	0.310	-0.781	1.339	0.345	-1.160	0.519	0.379
-1.182	0.433	0.310	-0.856	1.329	0.345	-0.978	1.308	0.379
-0.972	0.388	0.310	-0.929	1.312	0.345	-1.048	1.283	0.379
-0.952	1.295	0.310	-1.002	1.290	0.345	-0.949	0.478	0.379
-0.868	0.361	0.310	-0.413	1.309	0.345	0.002	-0.022	0.379
0.021	1.098	0.310	-0.625	0.324	0.345	-0.502	0.315	0.379
-0.289	1.262	0.310	-0.201	1.230	0.345	-0.092	0.054	0.379
-0.360	1.287	0.310	-0.270	1.260	0.345	0.123	1.021	0.379
-0.103	-0.002	0.310	-0.486	1.326	0.345	-0.252	1.256	0.379
0.088	-0.147	0.310	-0.049	1.145	0.345	-0.611	1.350	0.379
-0.523	0.236	0.310	-0.560	1.337	0.345	-0.758	1.350	0.379
-0.219	1.233	0.310	0.113	1.031	0.345	-0.728	0.412	0.379
-0.656	1.336	0.310	-0.134	1.195	0.345	-0.321	1.285	0.379
-0.751	0.325	0.310	-0.633	1.344	0.345	-0.184	1.224	0.379
-0.433	1.307	0.310	-0.196	0.094	0.345	-0.117	1.188	0.379
-0.203	0.064	0.310	0.090	-0.125	0.345	-0.034	1.137	0.379
0.180	0.978	0.310	-0.513	0.275	0.345	-0.392	1.309	0.379
-0.636	0.283	0.310	-0.002	-0.048	0.345	-0.537	1.341	0.379
-0.306	0.126	0.310	-0.707	1.344	0.345	-0.684	1.353	0.379
-0.581	1.332	0.310	0.033	1.090	0.345	-0.189	0.126	0.379
-0.413	0.184	0.310	-0.341	1.287	0.345	-0.394	0.257	0.379
-0.730	1.334	0.310	-0.098	0.025	0.345	-0.613	0.367	0.379
-0.150	1.200	0.310	-0.297	0.159	0.345	-0.289	0.194	0.379
-0.507	1.322	0.310	-0.404	0.219	0.345	-0.465	1.328	0.379
0.102	1.040	0.310	-0.739	0.367	0.345	0.046	1.081	0.379
-0.063	1.152	0.310	0.834	-0.934	0.345	0.092	-0.101	0.379
-0.006	-0.072	0.310	0.920	-1.044	0.345	0.489	-0.514	0.379
0.940	-1.054	0.310	1.132	-1.319	0.345	0.971	-0.092	0.379
1.068	-0.209	0.310	1.133	-0.367	0.345	0.739	-0.821	0.379
0.404	-0.436	0.310	0.197	-0.221	0.345	1.036	-1.211	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.197	-0.239	0.310	0.983	-1.126	0.345	0.297	-0.302	0.379
0.633	0.487	0.310	0.453	0.702	0.345	0.902	-1.034	0.379
0.999	-1.129	0.310	0.980	-0.078	0.345	0.630	0.460	0.379
0.365	0.806	0.310	0.682	-0.745	0.345	0.671	-0.735	0.379
0.599	-0.645	0.310	1.058	-0.222	0.345	0.197	-0.200	0.379
1.144	-0.355	0.310	0.189	0.969	0.345	0.373	0.782	0.379
0.503	-0.539	0.310	0.815	0.204	0.345	1.115	-1.316	0.379
0.450	0.713	0.310	0.369	0.795	0.345	0.197	0.957	0.379
0.754	-0.825	0.310	0.726	0.341	0.345	1.121	-0.381	0.379
0.532	0.617	0.310	0.632	0.475	0.345	0.892	0.049	0.379
0.275	0.894	0.310	0.300	-0.320	0.345	0.455	0.688	0.379
0.819	0.217	0.310	0.533	0.605	0.345	0.809	0.189	0.379
1.068	-1.216	0.310	0.400	-0.422	0.345	0.581	-0.624	0.379
0.988	-0.065	0.310	0.281	0.884	0.345	0.968	-1.121	0.379
0.302	-0.336	0.310	0.899	0.064	0.345	0.821	-0.927	0.379
0.728	0.354	0.310	0.748	-0.825	0.345	0.395	-0.407	0.379
0.906	0.077	0.310	1.047	-1.208	0.345	0.533	0.590	0.379
0.693	-0.752	0.310	0.496	-0.528	0.345	1.047	-0.236	0.379
0.848	-0.939	0.310	0.590	-0.635	0.345	0.722	0.326	0.379
1.149	-1.320	0.310	1.313	-0.742	0.345	0.287	0.872	0.379
1.299	-1.512	0.310	1.429	-1.704	0.345	1.497	-1.203	0.379
1.368	-0.818	0.310	1.281	-1.512	0.345	1.383	-0.940	0.379
1.447	-1.704	0.310	1.349	-1.601	0.345	1.541	-1.304	0.379
1.473	-1.052	0.310	1.457	-1.061	0.345	1.342	-1.614	0.379
1.534	-1.818	0.310	1.508	-1.808	0.345	1.440	-1.071	0.379
1.319	-0.714	0.310	1.558	-1.296	0.345	1.337	-0.840	0.379
1.359	-1.590	0.310	1.245	-0.596	0.345	1.172	-0.485	0.379
1.195	-0.457	0.310	1.513	-1.190	0.345	1.479	-1.795	0.379
1.230	-1.424	0.310	1.217	-1.430	0.345	1.231	-0.609	0.379
1.532	-1.185	0.310	1.175	-0.452	0.345	1.263	-1.510	0.379
1.414	-0.919	0.310	1.353	-0.828	0.345	1.195	-1.421	0.379
1.258	-0.585	0.310	1.400	-0.933	0.345	1.289	-0.734	0.379
1.739	-2.092	0.310	1.721	-2.093	0.345	1.556	-1.898	0.379
1.895	-2.061	0.310	1.899	-2.124	0.345	1.411	-1.704	0.379
1.930	-2.158	0.310	1.903	-2.196	0.345	1.702	-2.095	0.379
1.677	-1.525	0.310	1.829	-2.226	0.345	1.873	-2.214	0.379
1.919	-2.120	0.310	1.875	-2.064	0.345	1.810	-2.229	0.379
1.928	-2.177	0.310	1.794	-1.862	0.345	1.827	-2.232	0.379
1.666	-1.994	0.310	1.906	-2.143	0.345	1.891	-2.165	0.379
1.819	-2.205	0.310	1.846	-2.229	0.345	1.855	-2.068	0.379
1.824	-1.882	0.310	1.658	-1.531	0.345	1.587	-1.413	0.379
1.881	-2.225	0.310	1.878	-2.221	0.345	1.640	-1.539	0.379
1.926	-2.140	0.310	1.851	-2.005	0.345	1.782	-2.209	0.379
1.775	-1.763	0.310	1.790	-2.192	0.345	1.737	-1.774	0.379
1.593	-1.896	0.310	1.826	-1.943	0.345	1.726	-2.128	0.379
1.897	-2.219	0.310	1.814	-2.218	0.345	1.832	-2.009	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.615	-1.378	0.310	1.910	-2.161	0.345	1.859	-2.225	0.379
1.911	-2.208	0.310	1.862	-2.227	0.345	1.890	-2.183	0.379
1.871	-2.001	0.310	1.714	-1.666	0.345	1.795	-2.221	0.379
1.848	-2.224	0.310	1.768	-2.159	0.345	1.843	-2.231	0.379
1.864	-2.226	0.310	1.575	-1.897	0.345	1.629	-1.996	0.379
1.786	-2.158	0.310	1.601	-1.397	0.345	1.884	-2.200	0.379
1.762	-2.125	0.310	1.756	-1.768	0.345	1.887	-2.146	0.379
1.922	-2.194	0.310	1.801	-2.207	0.345	1.749	-2.161	0.379
1.832	-2.216	0.310	1.909	-2.180	0.345	1.771	-2.194	0.379
1.738	-1.672	0.310	1.892	-2.211	0.345	1.879	-2.128	0.379
1.576	-1.288	0.310	1.745	-2.126	0.345	1.785	-1.892	0.379
1.808	-2.190	0.310	1.648	-1.995	0.345	1.692	-1.664	0.379
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.382	1.084	0.414	-1.550	0.701	0.448	-1.559	0.829	0.483
-1.580	0.778	0.414	-1.572	0.765	0.448	-1.481	0.998	0.483
-1.542	0.645	0.414	-1.398	0.630	0.448	-1.297	1.184	0.483
-1.573	0.807	0.414	-1.435	0.638	0.448	-1.348	1.143	0.483
-1.584	0.724	0.414	-1.260	1.195	0.448	-1.354	0.661	0.483
-1.283	1.166	0.414	-1.558	0.847	0.448	-1.238	1.225	0.483
-1.488	0.615	0.414	-1.566	0.818	0.448	-1.396	1.098	0.483
-1.458	0.605	0.414	-1.473	0.996	0.448	-1.552	0.859	0.483
-1.222	1.207	0.414	-1.534	0.685	0.448	-1.558	0.783	0.483
-1.516	0.628	0.414	-1.400	1.078	0.448	-1.316	0.657	0.483
-1.579	0.701	0.414	-1.569	0.742	0.448	-1.391	0.666	0.483
-1.362	0.586	0.414	-1.318	1.152	0.448	-1.441	1.050	0.483
-1.562	0.837	0.414	-1.323	0.620	0.448	-1.516	0.943	0.483
-1.241	0.572	0.414	-1.571	0.788	0.448	-1.464	0.687	0.483
-1.340	1.120	0.414	-1.533	0.904	0.448	-1.497	0.704	0.483
-1.550	0.865	0.414	-1.505	0.951	0.448	-1.552	0.761	0.483
-1.330	0.582	0.414	-1.438	1.038	0.448	-1.543	0.888	0.483
-1.458	1.003	0.414	-1.471	0.649	0.448	-1.541	0.742	0.483
-1.394	0.591	0.414	-1.232	0.612	0.448	-1.428	0.675	0.483
-1.492	0.959	0.414	-1.546	0.876	0.448	-1.526	0.726	0.483
-1.426	0.598	0.414	-1.562	0.720	0.448	-1.560	0.806	0.483
-1.584	0.748	0.414	-1.504	0.665	0.448	-1.224	0.653	0.483
-1.571	0.680	0.414	-1.361	0.624	0.448	-1.531	0.916	0.483
-1.421	1.044	0.414	-1.360	1.116	0.448	-0.887	0.617	0.483
-1.523	0.913	0.414	-1.134	1.268	0.448	-0.829	1.371	0.483
-1.558	0.661	0.414	-0.820	0.547	0.448	-1.110	1.294	0.483
-1.024	1.303	0.414	-0.854	1.357	0.448	-0.973	1.343	0.483
-1.159	1.243	0.414	-1.060	0.597	0.448	-1.132	0.648	0.483
-1.093	1.275	0.414	-0.899	0.568	0.448	-1.050	0.642	0.483
-1.151	0.562	0.414	-1.141	0.605	0.448	-0.807	0.597	0.483
-0.807	1.354	0.414	-0.927	1.342	0.448	-1.043	1.321	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.880	1.343	0.414	-1.198	1.234	0.448	-0.968	0.632	0.483
-1.043	0.547	0.414	-1.068	1.298	0.448	-1.175	1.262	0.483
-0.833	0.498	0.414	-0.998	1.323	0.448	-0.902	1.360	0.483
-0.953	1.325	0.414	-0.781	1.365	0.448	-0.073	1.159	0.483
-0.937	0.526	0.414	-0.979	0.585	0.448	0.006	1.102	0.483
-0.545	0.386	0.414	-0.442	0.382	0.448	-0.480	0.457	0.483
0.094	-0.075	0.414	-0.080	0.118	0.448	0.013	0.067	0.483
-0.733	1.360	0.414	0.071	1.054	0.448	-0.756	1.377	0.483
-0.587	1.354	0.414	-0.635	1.366	0.448	-0.313	1.292	0.483
-0.233	1.250	0.414	0.009	0.036	0.448	0.081	1.041	0.483
0.005	0.007	0.414	0.096	-0.049	0.448	0.153	0.976	0.483
0.058	1.069	0.414	-0.355	0.328	0.448	-0.682	1.377	0.483
0.132	1.008	0.414	-0.173	0.196	0.448	-0.559	0.499	0.483
-0.515	1.344	0.414	-0.563	1.357	0.448	-0.150	1.209	0.483
-0.086	0.086	0.414	-0.086	1.169	0.448	-0.722	0.569	0.483
-0.166	1.217	0.414	-0.626	0.476	0.448	-0.610	1.371	0.483
-0.279	0.231	0.414	0.144	0.991	0.448	-0.166	0.233	0.483
-0.443	1.328	0.414	-0.006	1.114	0.448	-0.639	0.536	0.483
-0.181	0.161	0.414	-0.532	0.432	0.448	-0.405	0.411	0.483
-0.735	0.466	0.414	-0.421	1.326	0.448	0.097	-0.021	0.483
-0.365	0.287	0.414	-0.491	1.344	0.448	-0.331	0.362	0.483
-0.660	1.360	0.414	-0.722	0.515	0.448	-0.260	0.309	0.483
-0.639	0.429	0.414	-0.165	1.217	0.448	-0.468	1.345	0.483
-0.101	1.179	0.414	-0.333	1.296	0.448	-0.539	1.360	0.483
-0.371	1.307	0.414	-0.270	0.270	0.448	-0.399	1.324	0.483
-0.301	1.281	0.414	-0.707	1.368	0.448	-0.075	0.151	0.483
-0.020	1.126	0.414	-0.248	1.260	0.448	-0.230	1.253	0.483
-0.454	0.339	0.414	0.439	-0.438	0.448	0.538	-0.558	0.483
0.717	0.309	0.414	0.546	-0.574	0.448	0.885	-1.037	0.483
0.884	0.032	0.414	0.932	-1.094	0.448	0.962	-1.145	0.483
1.100	-1.312	0.414	0.876	0.010	0.448	0.882	-0.036	0.483
0.802	0.172	0.414	0.967	-0.157	0.448	0.325	-0.284	0.483
0.627	0.443	0.414	0.703	0.303	0.448	1.084	-0.429	0.483
0.809	-0.919	0.414	0.845	-0.974	0.448	0.929	-0.123	0.483
0.456	0.671	0.414	0.752	-0.847	0.448	0.641	-0.697	0.483
0.533	0.573	0.414	1.037	-1.239	0.448	0.222	0.909	0.483
1.109	-0.396	0.414	0.215	0.925	0.448	0.697	0.284	0.483
0.390	-0.390	0.414	1.054	-0.327	0.448	1.086	-1.319	0.483
1.036	-0.252	0.414	0.215	-0.175	0.448	0.617	0.409	0.483
0.572	-0.611	0.414	1.093	-0.405	0.448	0.743	-0.838	0.483
0.204	0.943	0.414	0.444	0.669	0.448	0.288	0.838	0.483
0.661	-0.724	0.414	0.535	0.550	0.448	0.533	0.531	0.483
0.292	0.857	0.414	0.349	0.783	0.448	0.834	0.051	0.483
0.954	-1.115	0.414	0.621	0.428	0.448	0.985	-0.231	0.483
0.961	-0.109	0.414	0.283	0.855	0.448	0.773	0.157	0.483
1.022	-1.207	0.414	1.138	-0.498	0.448	0.445	0.650	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.196	-0.177	0.414	1.143	-1.384	0.448	0.213	-0.151	0.483
0.376	0.766	0.414	0.781	0.176	0.448	1.024	-1.232	0.483
0.482	-0.499	0.414	0.651	-0.711	0.448	0.433	-0.420	0.483
0.294	-0.282	0.414	0.329	-0.305	0.448	0.833	-0.964	0.483
1.425	-1.083	0.414	1.376	-1.019	0.448	1.122	-0.508	0.483
1.524	-1.314	0.414	1.437	-1.160	0.448	0.352	0.766	0.483
1.369	-0.957	0.414	1.251	-0.741	0.448	1.040	-0.341	0.483
1.393	-1.703	0.414	1.345	-0.948	0.448	1.428	-1.185	0.483
1.318	-1.603	0.414	1.457	-1.811	0.448	1.235	-0.750	0.483
1.479	-1.209	0.414	1.376	-1.701	0.448	1.492	-1.336	0.483
1.218	-0.623	0.414	1.296	-1.591	0.448	1.361	-1.032	0.483
1.323	-0.852	0.414	1.231	-1.503	0.448	1.280	-1.588	0.483
1.156	-0.492	0.414	1.508	-1.325	0.448	1.502	-1.899	0.483
1.246	-1.507	0.414	1.182	-0.592	0.448	1.548	-1.469	0.483
1.468	-1.803	0.414	1.298	-0.845	0.448	1.216	-1.499	0.483
1.178	-1.416	0.414	1.219	-0.671	0.448	1.360	-1.699	0.483
1.538	-1.899	0.414	1.520	-1.899	0.448	1.163	-1.426	0.483
1.278	-0.754	0.414	1.819	-2.233	0.448	1.179	-0.629	0.483
1.870	-2.187	0.414	1.742	-2.216	0.448	1.439	-1.810	0.483
1.751	-2.197	0.414	1.844	-2.208	0.448	1.271	-0.830	0.483
1.860	-2.132	0.414	1.592	-1.999	0.448	1.749	-2.240	0.483
1.766	-1.898	0.414	1.825	-2.098	0.448	1.721	-2.220	0.483
1.676	-1.676	0.414	1.663	-2.099	0.448	1.766	-2.244	0.483
1.824	-2.234	0.414	1.786	-2.240	0.448	1.807	-2.104	0.483
1.813	-2.014	0.414	1.731	-2.201	0.448	1.621	-1.643	0.483
1.719	-1.781	0.414	1.578	-1.491	0.448	1.692	-1.817	0.483
1.840	-2.229	0.414	1.770	-2.236	0.448	1.813	-2.227	0.483
1.622	-1.547	0.414	1.794	-2.020	0.448	1.777	-2.027	0.483
1.729	-2.164	0.414	1.736	-1.874	0.448	1.573	-2.000	0.483
1.683	-2.097	0.414	1.637	-1.634	0.448	1.734	-2.232	0.483
1.762	-2.212	0.414	1.833	-2.118	0.448	1.823	-2.143	0.483
1.864	-2.203	0.414	1.841	-2.137	0.448	1.799	-2.237	0.483
1.707	-2.130	0.414	1.803	-2.239	0.448	1.831	-2.197	0.483
1.790	-2.232	0.414	1.687	-2.133	0.448	1.689	-2.171	0.483
1.775	-2.224	0.414	1.848	-2.156	0.448	1.666	-2.136	0.483
1.867	-2.151	0.414	1.852	-2.174	0.448	1.833	-2.179	0.483
1.611	-1.998	0.414	1.709	-2.167	0.448	1.783	-2.243	0.483
1.807	-2.236	0.414	1.851	-2.191	0.448	1.824	-2.213	0.483
1.854	-2.218	0.414	1.701	-1.789	0.448	1.746	-1.950	0.483
1.568	-1.418	0.414	1.833	-2.222	0.448	1.643	-2.102	0.483
1.844	-2.093	0.414	1.666	-1.704	0.448	1.830	-2.161	0.483
1.828	-2.053	0.414	1.755	-2.228	0.448	1.815	-2.124	0.483
1.871	-2.169	0.414	1.764	-1.943	0.448	1.710	-2.205	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	0.646	0.517	-1.409	1.127	0.552	-1.521	0.954	0.586
-0.876	0.665	0.517	-1.522	0.825	0.552	-1.120	1.354	0.586
-0.732	1.389	0.517	-1.339	0.736	0.552	-1.246	1.289	0.586
-1.329	1.178	0.517	-0.784	0.694	0.552	-0.773	0.741	0.586
-1.347	0.698	0.517	-1.261	1.252	0.552	-1.520	0.886	0.586
-1.123	0.691	0.517	-1.208	0.733	0.552	-0.697	0.718	0.586
-1.217	1.256	0.517	-1.523	0.951	0.552	-1.511	0.866	0.586
-1.536	0.909	0.517	-1.508	0.807	0.552	-1.300	1.252	0.586
-1.154	1.291	0.517	-1.200	1.290	0.552	-1.438	0.804	0.586
-0.950	1.364	0.517	-0.698	0.667	0.552	-1.524	0.931	0.586
-1.548	0.825	0.517	-1.115	0.733	0.552	-1.470	0.824	0.586
-1.216	0.693	0.517	-1.480	0.783	0.552	-0.841	1.420	0.586
-0.806	1.386	0.517	-1.532	0.844	0.552	-1.476	1.065	0.586
-1.278	1.217	0.517	-1.537	0.889	0.552	-1.403	0.790	0.586
-0.958	0.679	0.517	-0.713	1.404	0.552	-1.367	0.781	0.586
-1.021	1.345	0.517	-1.069	1.349	0.552	-0.768	1.423	0.586
-1.456	0.725	0.517	-0.858	1.398	0.552	-1.022	0.775	0.586
-1.532	0.783	0.517	-1.536	0.866	0.552	-1.511	0.992	0.586
-1.308	0.695	0.517	-1.363	1.172	0.552	-1.350	1.211	0.586
-1.424	1.088	0.517	-1.534	0.912	0.552	-1.524	0.908	0.586
-1.378	1.134	0.517	-1.313	1.214	0.552	-1.396	1.167	0.586
-0.878	1.378	0.517	-1.451	1.077	0.552	-1.329	0.776	0.586
-1.384	0.703	0.517	-0.930	1.387	0.552	-1.185	1.324	0.586
-1.501	0.983	0.517	-1.507	0.988	0.552	-0.913	1.412	0.586
-1.040	0.687	0.517	-1.031	0.732	0.552	-1.105	0.776	0.586
-1.089	1.320	0.517	-1.376	0.741	0.552	-1.439	1.118	0.586
-1.549	0.848	0.517	-1.413	0.751	0.552	-0.984	1.398	0.586
-0.709	0.618	0.517	-0.948	0.725	0.552	-1.053	1.379	0.586
-1.521	0.947	0.517	-1.136	1.322	0.552	-1.495	1.029	0.586
-1.465	1.037	0.517	-0.785	1.404	0.552	-0.856	0.759	0.586
-1.517	0.766	0.517	-1.300	0.734	0.552	-1.198	0.774	0.586
-1.421	0.712	0.517	-1.488	1.023	0.552	-1.291	0.774	0.586
-1.542	0.803	0.517	-1.448	0.764	0.552	-0.939	0.770	0.586
-1.489	0.743	0.517	-1.001	1.371	0.552	-1.497	0.848	0.586
-1.546	0.871	0.517	-0.866	0.713	0.552	-0.245	1.276	0.586
-0.626	0.585	0.517	-0.404	1.341	0.552	-0.483	0.616	0.586
-0.578	1.376	0.517	-0.065	0.217	0.552	-0.060	0.248	0.586
-0.420	1.338	0.517	-0.640	1.398	0.552	-0.623	0.689	0.586
-0.270	1.276	0.517	-0.560	1.385	0.552	-0.551	0.655	0.586
-0.546	0.546	0.517	-0.118	1.191	0.552	-0.696	1.420	0.586
-0.198	1.239	0.517	-0.242	0.387	0.552	-0.176	1.234	0.586
-0.128	1.196	0.517	-0.382	0.498	0.552	-0.144	0.339	0.586
-0.498	1.360	0.517	-0.328	1.310	0.552	0.098	0.059	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.070	0.184	0.517	-0.534	0.593	0.552	0.125	0.986	0.586
0.089	1.029	0.517	0.018	0.126	0.552	-0.110	1.189	0.586
-0.468	0.503	0.517	-0.151	0.304	0.552	0.042	1.065	0.586
-0.321	0.404	0.517	0.037	1.071	0.552	-0.466	1.373	0.586
-0.251	0.349	0.517	-0.186	1.235	0.552	-0.316	1.313	0.586
0.098	0.006	0.517	0.098	0.033	0.552	-0.292	0.477	0.586
-0.344	1.310	0.517	-0.481	1.366	0.552	-0.417	0.573	0.586
-0.393	0.455	0.517	0.122	0.993	0.552	-0.233	0.425	0.586
-0.659	1.386	0.517	-0.456	0.548	0.552	-0.353	0.526	0.586
-0.061	1.150	0.517	-0.614	0.633	0.552	-0.623	1.411	0.586
0.159	0.963	0.517	-0.052	1.144	0.552	0.021	0.155	0.586
0.016	0.097	0.517	-0.311	0.445	0.552	-0.544	1.395	0.586
-0.158	0.269	0.517	-0.256	1.275	0.552	-0.390	1.346	0.586
0.015	1.092	0.517	0.918	-1.101	0.552	-0.045	1.140	0.586
0.320	-0.263	0.517	0.203	0.911	0.552	0.520	0.490	0.586
0.872	-0.052	0.517	0.862	-0.065	0.552	0.674	0.242	0.586
0.292	0.823	0.517	0.353	0.737	0.552	0.412	-0.366	0.586
0.211	-0.127	0.517	0.606	0.378	0.552	0.204	0.903	0.586
0.822	-0.953	0.517	0.209	-0.103	0.552	0.599	0.367	0.586
0.912	-1.082	0.517	0.700	-0.783	0.552	0.747	0.116	0.586
0.444	0.634	0.517	0.280	0.825	0.552	0.512	-0.510	0.586
0.974	-0.247	0.517	0.526	0.500	0.552	0.899	-1.084	0.586
0.530	0.514	0.517	0.917	-0.171	0.552	0.988	-0.344	0.586
0.727	-0.818	0.517	0.419	-0.384	0.552	0.851	-0.075	0.586
0.863	-1.012	0.517	0.810	-0.942	0.552	0.695	-0.779	0.586
0.426	-0.402	0.517	0.962	-0.259	0.552	0.951	-0.269	0.586
0.354	0.750	0.517	0.621	-0.669	0.552	0.438	0.610	0.586
0.227	0.894	0.517	0.521	-0.526	0.552	0.279	0.816	0.586
0.612	0.391	0.517	0.683	0.253	0.552	0.310	-0.222	0.586
0.690	0.267	0.517	0.805	0.040	0.552	0.797	-0.931	0.586
0.812	0.058	0.517	0.756	0.126	0.552	0.206	-0.081	0.586
0.632	-0.683	0.517	0.442	0.620	0.552	0.983	-1.208	0.586
0.765	0.140	0.517	0.315	-0.243	0.552	0.351	0.727	0.586
0.530	-0.542	0.517	0.997	-1.216	0.552	0.611	-0.655	0.586
0.931	-0.163	0.517	1.115	-0.574	0.552	1.169	-1.484	0.586
1.208	-0.735	0.517	1.331	-1.053	0.552	1.309	-1.691	0.586
1.201	-1.494	0.517	1.374	-1.153	0.552	1.046	-0.465	0.586
1.071	-0.444	0.517	1.326	-1.694	0.552	1.103	-0.586	0.586
1.110	-1.365	0.517	1.152	-0.654	0.552	1.067	-1.334	0.586
1.343	-1.696	0.517	1.198	-0.755	0.552	1.281	-0.984	0.586
1.121	-0.548	0.517	1.059	-0.456	0.552	1.173	-0.738	0.586
1.305	-0.950	0.517	1.185	-1.489	0.552	1.234	-1.581	0.586
1.272	-1.595	0.517	1.398	-1.799	0.552	1.138	-0.662	0.586
1.021	-0.341	0.517	1.286	-0.951	0.552	1.315	-1.061	0.586
1.010	-1.224	0.517	1.242	-0.853	0.552	1.383	-1.802	0.586
1.257	-0.843	0.517	1.001	-0.338	0.552	1.381	-1.215	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.159	-1.435	0.517	1.089	-1.350	0.552	1.227	-0.861	0.586
1.165	-0.643	0.517	1.254	-1.589	0.552	1.753	-2.238	0.586
1.346	-1.044	0.517	1.505	-1.462	0.552	1.692	-1.966	0.586
1.793	-2.231	0.517	1.626	-2.142	0.552	1.552	-2.061	0.586
1.414	-1.797	0.517	1.784	-2.221	0.552	1.518	-1.542	0.586
1.646	-2.140	0.517	1.785	-2.152	0.552	1.627	-2.180	0.586
1.713	-2.236	0.517	1.770	-2.114	0.552	1.478	-1.946	0.586
1.728	-2.244	0.517	1.534	-2.003	0.552	1.722	-2.042	0.586
1.532	-1.479	0.517	1.792	-2.170	0.552	1.764	-2.224	0.586
1.675	-1.823	0.517	1.791	-2.205	0.552	1.443	-1.361	0.586
1.804	-2.217	0.517	1.741	-2.038	0.552	1.775	-2.191	0.586
1.729	-1.956	0.517	1.668	-2.212	0.552	1.751	-2.118	0.586
1.484	-1.899	0.517	1.546	-1.560	0.552	1.583	-2.109	0.586
1.804	-2.147	0.517	1.794	-2.188	0.552	1.654	-1.872	0.586
1.811	-2.166	0.517	1.420	-1.261	0.552	1.759	-2.137	0.586
1.554	-2.001	0.517	1.460	-1.355	0.552	1.766	-2.155	0.586
1.689	-2.209	0.517	1.710	-1.961	0.552	1.618	-1.784	0.586
1.477	-1.347	0.517	1.586	-1.658	0.552	1.659	-2.230	0.586
1.623	-2.105	0.517	1.680	-2.227	0.552	1.739	-2.248	0.586
1.811	-2.201	0.517	1.627	-1.756	0.552	1.515	-2.004	0.586
1.407	-1.183	0.517	1.778	-2.133	0.552	1.648	-2.215	0.586
1.700	-2.224	0.517	1.758	-2.245	0.552	1.447	-1.899	0.586
1.604	-1.651	0.517	1.465	-1.899	0.552	1.688	-2.251	0.586
1.789	-2.110	0.517	1.742	-2.250	0.552	1.705	-2.254	0.586
1.759	-2.033	0.517	1.603	-2.107	0.552	1.672	-2.242	0.586
1.762	-2.247	0.517	1.648	-2.177	0.552	1.772	-2.208	0.586
1.797	-2.129	0.517	1.667	-1.854	0.552	1.722	-2.253	0.586
1.814	-2.184	0.517	1.708	-2.248	0.552	1.482	-1.455	0.586
1.668	-2.174	0.517	1.693	-2.239	0.552	1.772	-2.173	0.586
1.779	-2.241	0.517	1.725	-2.251	0.552	1.606	-2.144	0.586
1.745	-2.248	0.517	1.773	-2.235	0.552	1.568	-1.663	0.586
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.038	1.409	0.621	-1.390	1.233	0.655	-1.438	0.950	0.690
-0.898	1.437	0.621	-1.093	1.420	0.655	-1.475	0.995	0.690
-1.463	0.868	0.621	-1.499	0.992	0.655	-0.980	0.907	0.690
-1.345	0.820	0.621	-1.299	0.858	0.655	-0.943	1.483	0.690
-1.485	0.889	0.621	-0.812	1.466	0.655	-1.147	1.430	0.690
-1.436	0.850	0.621	-1.494	0.969	0.655	-1.477	1.117	0.690
-0.844	0.804	0.621	-1.473	0.931	0.655	-1.487	1.050	0.690
-1.362	1.230	0.621	-1.173	0.859	0.655	-0.728	1.483	0.690
-0.969	1.426	0.621	-1.451	0.909	0.655	-0.811	0.892	0.690
-1.106	1.387	0.621	-1.473	1.113	0.655	-1.484	1.022	0.690
-0.761	0.787	0.621	-1.352	1.270	0.655	-1.445	1.190	0.690
-1.234	1.326	0.621	-1.159	1.395	0.655	-1.211	1.400	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.512	0.950	0.621	-0.956	1.455	0.655	-1.415	1.234	0.690
-1.509	0.996	0.621	-0.884	1.463	0.655	-1.463	1.154	0.690
-1.484	1.071	0.621	-1.395	0.878	0.655	-0.872	1.489	0.690
-1.407	0.836	0.621	-1.311	1.304	0.655	-1.381	1.274	0.690
-0.927	0.814	0.621	-1.025	1.440	0.655	-1.412	0.933	0.690
-1.313	0.816	0.621	-1.080	0.862	0.655	-1.342	1.311	0.690
-1.400	1.192	0.621	-1.500	1.014	0.655	-1.251	0.902	0.690
-1.187	0.816	0.621	-1.222	1.363	0.655	-1.382	0.920	0.690
-1.279	0.815	0.621	-1.455	1.148	0.655	-1.301	1.344	0.690
-1.435	1.150	0.621	-1.364	0.868	0.655	-0.800	1.489	0.690
-1.498	0.908	0.621	-1.268	1.335	0.655	-1.081	1.454	0.690
-1.279	1.297	0.621	-0.913	0.858	0.655	-1.460	0.972	0.690
-0.826	1.443	0.621	-1.425	1.192	0.655	-1.257	1.374	0.690
-1.094	0.818	0.621	-1.486	0.949	0.655	-0.895	0.903	0.690
-1.377	0.826	0.621	-1.266	0.857	0.655	-1.318	0.905	0.690
-1.507	0.928	0.621	-1.488	1.076	0.655	-1.064	0.907	0.690
-1.322	1.265	0.621	-0.829	0.848	0.655	-1.158	0.904	0.690
-1.171	1.359	0.621	-1.332	0.862	0.655	-1.486	1.079	0.690
-1.512	0.973	0.621	-1.424	0.891	0.655	-0.728	0.874	0.690
-1.011	0.819	0.621	-0.996	0.862	0.655	-1.285	0.903	0.690
-0.753	1.443	0.621	-0.746	0.831	0.655	-1.013	1.471	0.690
-1.465	1.106	0.621	-1.497	1.038	0.655	-1.351	0.911	0.690
-1.499	1.034	0.621	-0.740	1.463	0.655	0.044	1.056	0.690
-0.041	1.137	0.621	-0.300	1.323	0.655	-0.408	0.714	0.690
-0.237	1.278	0.621	0.045	1.059	0.655	-0.587	1.456	0.690
-0.363	0.583	0.621	-0.129	0.401	0.655	-0.364	1.367	0.690
-0.531	1.407	0.621	-0.520	1.419	0.655	-0.294	1.328	0.690
-0.610	1.426	0.621	-0.231	1.281	0.655	-0.436	1.402	0.690
-0.454	1.382	0.621	-0.214	0.493	0.655	-0.121	0.430	0.690
-0.560	0.711	0.621	0.100	0.107	0.655	0.102	0.129	0.690
-0.307	1.317	0.621	-0.039	1.136	0.655	-0.336	0.655	0.690
-0.224	0.460	0.621	-0.677	0.810	0.655	0.122	0.973	0.690
-0.498	0.676	0.621	-0.371	1.360	0.655	-0.528	0.793	0.690
-0.438	0.638	0.621	-0.669	1.455	0.655	-0.203	0.524	0.690
-0.292	0.523	0.621	0.026	0.207	0.655	-0.227	1.284	0.690
0.099	0.084	0.621	-0.350	0.620	0.655	-0.659	0.853	0.690
-0.104	1.187	0.621	-0.598	1.441	0.655	-0.657	1.472	0.690
-0.137	0.371	0.621	0.124	0.977	0.655	-0.044	0.332	0.690
-0.055	0.278	0.621	-0.445	1.392	0.655	-0.038	1.135	0.690
0.125	0.981	0.621	-0.483	0.717	0.655	-0.267	0.592	0.690
0.023	0.182	0.621	-0.280	0.559	0.655	-0.467	0.756	0.690
-0.681	1.437	0.621	-0.050	0.305	0.655	-0.162	1.238	0.690
-0.169	1.234	0.621	-0.610	0.784	0.655	-0.099	1.188	0.690
-0.625	0.741	0.621	-0.165	1.236	0.655	0.030	0.231	0.690
0.044	1.061	0.621	-0.545	0.753	0.655	-0.592	0.826	0.690
-0.692	0.766	0.621	-0.101	1.188	0.655	-0.511	1.432	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.380	1.352	0.621	-0.424	0.677	0.655	0.647	0.221	0.690
0.666	0.234	0.621	0.506	0.475	0.655	0.347	-0.242	0.690
0.513	0.482	0.621	0.273	0.804	0.655	0.498	0.469	0.690
0.543	-0.555	0.621	0.864	-1.053	0.655	0.419	0.590	0.690
0.841	-0.083	0.621	0.657	0.227	0.655	0.466	-0.430	0.690
0.432	0.602	0.621	0.829	-0.090	0.655	0.268	0.799	0.690
0.979	-1.216	0.621	0.966	-1.212	0.655	0.738	-0.865	0.690
0.591	0.359	0.621	0.762	-0.895	0.655	0.336	0.708	0.690
0.738	0.108	0.621	0.200	0.892	0.655	0.574	0.346	0.690
0.229	-0.095	0.621	0.592	-0.630	0.655	0.196	0.887	0.690
0.277	0.809	0.621	0.342	0.714	0.655	0.226	-0.056	0.690
0.601	-0.642	0.621	0.678	-0.764	0.655	0.818	-0.096	0.690
0.981	-0.362	0.621	0.426	0.596	0.655	0.914	-0.289	0.690
0.355	-0.276	0.621	0.351	-0.259	0.655	0.673	-0.760	0.690
0.347	0.720	0.621	0.927	-0.283	0.655	0.584	-0.618	0.690
0.939	-0.276	0.621	0.227	-0.075	0.655	0.717	0.095	0.690
0.877	-1.061	0.621	0.583	0.352	0.655	0.851	-1.046	0.690
0.479	-0.458	0.621	0.965	-0.363	0.655	0.952	-0.369	0.690
0.678	-0.758	0.621	0.472	-0.444	0.655	0.965	-1.227	0.690
0.203	0.897	0.621	0.728	0.101	0.655	1.228	-0.990	0.690
0.775	-0.906	0.621	1.339	-1.207	0.655	1.121	-1.474	0.690
1.426	-1.367	0.621	1.197	-0.873	0.655	1.390	-1.900	0.690
1.607	-2.182	0.621	1.137	-1.477	0.655	1.316	-1.198	0.690
1.752	-2.211	0.621	1.273	-1.688	0.655	1.318	-1.786	0.690
1.076	-1.363	0.621	1.142	-0.747	0.655	1.390	-1.377	0.690
1.702	-2.256	0.621	1.050	-1.342	0.655	1.181	-0.879	0.690
1.500	-1.547	0.621	1.110	-0.675	0.655	1.061	-1.380	0.690
1.586	-2.146	0.621	1.198	-1.571	0.655	1.247	-1.674	0.690
1.719	-2.251	0.621	1.348	-1.805	0.655	1.354	-1.289	0.690
1.600	-1.789	0.621	1.020	-0.478	0.655	1.180	-1.568	0.690
1.745	-2.227	0.621	1.073	-0.593	0.655	1.059	-0.600	0.690
1.427	-1.899	0.621	1.251	-1.000	0.655	1.006	-0.484	0.690
1.550	-1.668	0.621	1.282	-1.073	0.655	1.095	-0.681	0.690
1.262	-0.983	0.621	1.616	-1.881	0.655	1.133	-0.769	0.690
1.212	-0.868	0.621	1.648	-2.256	0.655	1.266	-1.078	0.690
1.733	-2.241	0.621	1.476	-2.006	0.655	1.714	-2.183	0.690
1.563	-2.111	0.621	1.734	-2.179	0.655	1.513	-1.677	0.690
1.153	-1.480	0.621	1.733	-2.214	0.655	1.680	-2.257	0.690
1.219	-1.581	0.621	1.620	-2.235	0.655	1.524	-2.115	0.690
1.389	-1.280	0.621	1.654	-1.973	0.655	1.600	-2.238	0.690
1.634	-1.875	0.621	1.408	-1.372	0.655	1.589	-2.222	0.690
1.084	-0.582	0.621	1.608	-2.219	0.655	1.469	-2.026	0.690
1.740	-2.140	0.621	1.588	-2.184	0.655	1.663	-2.262	0.690
1.299	-1.067	0.621	1.484	-1.557	0.655	1.694	-2.128	0.690
1.495	-2.005	0.621	1.408	-1.900	0.655	1.706	-2.233	0.690
1.162	-0.753	0.621	1.699	-2.253	0.655	1.708	-2.165	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.652	-2.245	0.621	1.725	-2.230	0.655	1.716	-2.200	0.690
1.352	-1.192	0.621	1.633	-2.248	0.655	1.500	-2.076	0.690
1.362	-1.799	0.621	1.665	-2.260	0.655	1.613	-2.251	0.690
1.465	-1.462	0.621	1.446	-1.464	0.655	1.432	-1.969	0.690
1.628	-2.217	0.621	1.720	-2.143	0.655	1.568	-2.187	0.690
1.732	-2.121	0.621	1.683	-2.259	0.655	1.445	-1.510	0.690
1.755	-2.194	0.621	1.695	-2.078	0.655	1.713	-2.218	0.690
1.753	-2.176	0.621	1.676	-2.030	0.655	1.646	-2.263	0.690
1.747	-2.158	0.621	1.532	-1.672	0.655	1.667	-2.059	0.690
1.668	-2.253	0.621	1.728	-2.162	0.655	1.701	-2.147	0.690
1.673	-1.969	0.621	1.544	-2.113	0.655	1.628	-2.259	0.690
1.291	-1.690	0.621	1.736	-2.197	0.655	1.635	-1.977	0.690
1.124	-0.669	0.621	1.579	-1.788	0.655	1.547	-2.151	0.690
1.033	-0.472	0.621	1.714	-2.243	0.655	1.602	-1.896	0.690
1.639	-2.233	0.621	1.566	-2.148	0.655	1.556	-1.783	0.690
1.685	-2.257	0.621	1.713	-2.124	0.655	1.694	-2.247	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.135	1.464	0.724	-0.828	0.994	0.759	-1.359	1.384	0.793
-0.716	1.502	0.724	-1.420	1.036	0.759	-1.170	1.506	0.793
-0.844	0.946	0.724	-1.436	1.053	0.759	-1.289	1.441	0.793
-1.471	1.063	0.724	-1.222	0.998	0.759	-1.258	1.046	0.793
-1.246	1.412	0.724	-1.461	1.116	0.759	-1.450	1.204	0.793
-1.448	1.012	0.724	-1.400	1.022	0.759	-0.756	1.547	0.793
-1.436	1.231	0.724	-0.761	0.981	0.759	-1.432	1.279	0.793
-1.305	0.951	0.724	-1.327	1.001	0.759	-1.162	1.051	0.793
-1.290	1.383	0.724	-1.265	1.429	0.759	-1.409	1.077	0.793
-1.467	1.159	0.724	-0.380	0.788	0.759	-1.389	1.350	0.793
-0.912	0.953	0.724	0.040	1.044	0.759	-1.037	1.546	0.793
-1.431	0.995	0.724	-0.244	0.658	0.759	-1.445	1.242	0.793
-1.047	0.955	0.724	-0.030	0.386	0.759	-1.451	1.181	0.793
-1.411	0.981	0.724	-0.491	1.449	0.759	-0.756	1.029	0.793
-0.787	1.510	0.724	-0.632	1.501	0.759	-1.436	1.114	0.793
-1.332	1.351	0.724	-1.054	1.517	0.759	-1.449	1.158	0.793
-0.930	1.510	0.724	-0.096	1.181	0.759	-0.832	1.045	0.793
-0.777	0.934	0.724	-0.310	0.725	0.759	-1.251	1.466	0.793
-1.199	1.437	0.724	-0.283	1.331	0.759	-0.987	1.057	0.793
-1.271	0.949	0.724	-1.352	1.005	0.759	-1.415	1.313	0.793
-1.236	0.949	0.724	-1.462	1.162	0.759	-0.898	1.559	0.793
-1.389	0.970	0.724	-0.843	1.536	0.759	-1.105	1.529	0.793
-0.980	0.955	0.724	-0.772	1.530	0.759	-0.910	1.054	0.793
-1.475	1.091	0.724	-0.156	1.234	0.759	-1.366	1.055	0.793
-1.142	0.952	0.724	-0.104	0.489	0.759	-1.325	1.414	0.793
-1.339	0.956	0.724	-1.032	1.006	0.759	-1.425	1.094	0.793
-1.454	1.196	0.724	-0.038	1.126	0.759	-1.444	1.136	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.000	1.501	0.724	-0.437	0.832	0.759	-1.300	1.046	0.793
-1.462	1.036	0.724	-1.338	1.375	0.759	-1.341	1.050	0.793
-0.711	0.918	0.724	-0.985	1.529	0.759	-1.389	1.064	0.793
-1.371	1.315	0.724	-0.565	1.479	0.759	-1.065	1.056	0.793
-1.068	1.486	0.724	-1.303	1.403	0.759	-0.826	1.556	0.793
-1.474	1.120	0.724	-0.702	1.518	0.759	-0.968	1.556	0.793
-0.858	1.513	0.724	-0.915	1.536	0.759	-1.212	1.488	0.793
-1.365	0.962	0.724	-0.419	1.414	0.759	-0.547	0.949	0.793
-1.406	1.275	0.724	-1.443	1.237	0.759	-0.170	1.242	0.793
-0.192	0.555	0.724	-0.182	0.587	0.759	0.038	1.034	0.793
-0.038	1.132	0.724	-0.896	1.002	0.759	-0.038	1.117	0.793
-0.289	1.331	0.724	-0.218	1.284	0.759	-0.234	0.690	0.793
-0.037	0.359	0.724	-1.128	1.002	0.759	-0.390	1.404	0.793
0.105	0.152	0.724	-1.377	1.012	0.759	-0.299	0.758	0.793
-0.393	0.751	0.724	-0.350	1.374	0.759	-0.680	1.007	0.793
-0.642	0.895	0.724	0.041	0.282	0.759	-0.618	1.512	0.793
-0.223	1.286	0.724	-1.371	1.344	0.759	-0.425	0.869	0.793
-0.501	1.442	0.724	-1.448	1.072	0.759	-0.173	0.618	0.793
0.118	0.968	0.724	-1.186	1.472	0.759	0.046	0.308	0.793
-0.357	1.372	0.724	-1.426	1.272	0.759	-0.686	1.532	0.793
-0.645	1.488	0.724	-1.401	1.309	0.759	-0.096	0.517	0.793
-0.159	1.237	0.724	-1.226	1.452	0.759	-0.484	0.911	0.793
-0.112	0.459	0.724	-0.560	0.909	0.759	-0.469	1.448	0.793
-0.451	0.794	0.724	-1.456	1.093	0.759	0.114	0.201	0.793
-0.255	0.625	0.724	-1.463	1.139	0.759	-0.240	1.300	0.793
0.042	1.052	0.724	-0.964	1.006	0.759	0.111	0.948	0.793
-0.428	1.409	0.724	-0.695	0.963	0.759	-0.103	1.181	0.793
-0.576	1.469	0.724	-0.497	0.873	0.759	-0.552	1.487	0.793
-0.322	0.690	0.724	-1.274	0.997	0.759	-0.369	0.823	0.793
0.035	0.256	0.724	0.109	0.177	0.759	-0.612	0.981	0.793
-0.575	0.867	0.724	-0.626	0.939	0.759	-0.023	0.414	0.793
-0.511	0.833	0.724	-1.456	1.200	0.759	-0.314	1.354	0.793
-0.098	1.186	0.724	0.115	0.959	0.759	0.506	0.374	0.793
0.329	0.701	0.724	-1.121	1.498	0.759	0.729	-0.035	0.793
0.824	-0.143	0.724	0.607	0.232	0.759	0.660	-0.743	0.793
0.865	-0.225	0.724	0.658	-0.740	0.759	0.230	0.008	0.793
0.345	-0.225	0.724	0.422	0.541	0.759	0.907	-0.400	0.793
0.949	-1.217	0.724	0.322	0.690	0.759	0.314	0.677	0.793
0.937	-0.376	0.724	0.736	-0.874	0.759	0.796	-0.169	0.793
0.577	-0.605	0.724	0.853	-0.242	0.759	0.344	-0.187	0.793
0.226	-0.035	0.724	0.989	-0.533	0.759	0.861	-0.303	0.793
0.840	-1.039	0.724	1.228	-1.696	0.759	0.734	-0.875	0.793
0.262	0.792	0.724	1.189	-0.992	0.759	0.249	0.769	0.793
0.527	0.400	0.724	1.180	-1.616	0.759	0.948	-0.491	0.793
0.461	-0.415	0.724	1.232	-1.096	0.759	0.793	-0.978	0.793
0.706	0.086	0.724	1.670	-2.179	0.759	0.595	0.218	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.395	-0.307	0.724	1.666	-2.245	0.759	0.396	-0.279	0.793
0.663	-0.748	0.724	1.419	-2.012	0.759	0.680	0.060	0.793
0.527	-0.523	0.724	1.663	-2.160	0.759	0.182	0.860	0.793
0.192	0.881	0.724	1.558	-1.892	0.759	0.904	-1.171	0.793
0.731	-0.860	0.724	1.560	-2.247	0.759	0.566	-0.578	0.793
0.619	0.244	0.724	1.508	-2.158	0.759	0.455	-0.382	0.793
0.431	0.552	0.724	1.674	-2.230	0.759	0.514	-0.486	0.793
1.105	-1.471	0.724	1.588	-2.269	0.759	0.412	0.527	0.793
1.196	-0.960	0.724	0.458	-0.398	0.759	1.219	-1.707	0.793
1.195	-1.617	0.724	1.090	-1.468	0.759	1.167	-0.991	0.793
1.017	-1.328	0.724	1.427	-1.568	0.759	1.076	-1.465	0.793
1.373	-1.384	0.724	1.656	-2.142	0.759	1.076	-0.779	0.793
1.330	-1.834	0.724	0.693	0.074	0.759	1.264	-1.223	0.793
1.007	-0.527	0.724	1.606	-2.274	0.759	1.016	-1.363	0.793
1.249	-1.086	0.724	1.623	-2.273	0.759	1.159	-1.605	0.793
1.148	-0.848	0.724	1.132	-0.858	0.759	1.286	-1.820	0.793
1.044	-0.611	0.724	1.002	-1.321	0.759	1.013	-0.634	0.793
1.268	-1.735	0.724	1.636	-2.091	0.759	1.216	-1.107	0.793
1.100	-0.737	0.724	1.074	-0.724	0.759	1.116	-0.870	0.793
1.371	-1.902	0.724	1.655	-2.258	0.759	1.540	-2.254	0.793
1.302	-1.212	0.724	1.478	-1.692	0.759	1.415	-1.590	0.793
1.412	-1.479	0.724	1.675	-2.196	0.759	1.654	-2.238	0.793
1.495	-1.684	0.724	0.517	0.388	0.759	1.336	-1.905	0.793
1.505	-2.118	0.724	1.289	-1.796	0.759	1.552	-2.267	0.793
1.609	-2.264	0.724	0.344	-0.206	0.759	1.620	-2.275	0.793
1.424	-1.988	0.724	1.677	-2.213	0.759	1.380	-1.505	0.793
1.689	-2.171	0.724	0.228	-0.014	0.759	1.339	-1.404	0.793
1.593	-2.255	0.724	1.486	-2.122	0.759	1.460	-1.702	0.793
1.626	-2.268	0.724	1.640	-2.268	0.759	1.603	-2.280	0.793
1.578	-1.889	0.724	1.549	-2.231	0.759	1.401	-2.016	0.793
1.686	-2.238	0.724	0.528	-0.518	0.759	1.645	-2.169	0.793
1.580	-2.242	0.724	1.029	-0.622	0.759	1.529	-2.237	0.793
1.675	-2.134	0.724	1.597	-1.991	0.759	1.467	-2.126	0.793
1.675	-2.252	0.724	0.829	-1.031	0.759	1.505	-1.814	0.793
1.549	-2.190	0.724	0.187	0.872	0.759	1.610	-2.078	0.793
1.697	-2.206	0.724	1.356	-1.394	0.759	1.585	-2.280	0.793
1.616	-1.983	0.724	1.284	-1.220	0.759	1.488	-2.163	0.793
1.643	-2.267	0.724	0.922	-1.188	0.759	1.646	-2.253	0.793
1.695	-2.189	0.724	1.523	-1.804	0.759	1.579	-2.000	0.793
1.527	-2.154	0.724	1.529	-2.195	0.759	1.568	-2.276	0.793
1.694	-2.223	0.724	1.354	-1.903	0.759	1.634	-2.266	0.793
1.541	-1.797	0.724	0.256	0.782	0.759	1.651	-2.187	0.793
1.645	-2.056	0.724	0.922	-0.387	0.759	1.656	-2.204	0.793
1.569	-2.226	0.724	0.571	-0.592	0.759	1.658	-2.221	0.793
1.660	-2.261	0.724	0.811	-0.155	0.759	1.509	-2.200	0.793
1.682	-2.153	0.724	1.573	-2.261	0.759	1.539	-1.899	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.449	-1.571	0.724	0.387	-0.279	0.759	1.638	-2.150	0.793
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.310	1.453	0.828	-1.387	1.399	0.862	-1.271	1.534	0.897
-0.808	1.574	0.828	-1.065	1.589	0.862	-0.725	1.141	0.897
-1.273	1.479	0.828	-1.405	1.366	0.862	-1.369	1.444	0.897
-1.432	1.285	0.828	-1.042	1.152	0.862	-1.033	1.194	0.897
-1.432	1.179	0.828	-1.269	1.140	0.862	-1.413	1.318	0.897
-1.150	1.100	0.828	-1.333	1.141	0.862	-1.412	1.295	0.897
-1.053	1.105	0.828	-1.420	1.225	0.862	-0.955	1.190	0.897
-1.364	1.101	0.828	-1.215	1.539	0.862	-1.229	1.187	0.897
-0.743	1.073	0.828	-0.858	1.599	0.862	-1.409	1.272	0.897
-1.402	1.355	0.828	-1.425	1.293	0.862	-0.835	1.614	0.897
-1.086	1.560	0.828	-1.392	1.166	0.862	-0.699	1.581	0.897
-1.152	1.540	0.828	-1.328	1.465	0.862	-1.341	1.478	0.897
-0.819	1.090	0.828	-1.355	1.145	0.862	-0.800	1.164	0.897
-1.234	1.503	0.828	-0.788	1.589	0.862	-0.903	1.622	0.897
-0.879	1.580	0.828	-1.174	1.557	0.862	-1.347	1.191	0.897
-1.342	1.096	0.828	-0.964	1.150	0.862	-1.108	1.604	0.897
-1.401	1.121	0.828	-1.375	1.154	0.862	-1.383	1.212	0.897
-0.897	1.101	0.828	-1.424	1.247	0.862	-1.411	1.340	0.897
-1.425	1.157	0.828	-1.140	1.148	0.862	-1.404	1.250	0.897
-0.948	1.580	0.828	-0.886	1.144	0.862	-1.389	1.412	0.897
-1.279	1.093	0.828	-1.301	1.139	0.862	-0.877	1.181	0.897
-1.247	1.094	0.828	-1.405	1.182	0.862	-1.294	1.184	0.897
-1.420	1.321	0.828	-1.414	1.202	0.862	-1.151	1.591	0.897
-1.415	1.137	0.828	-0.808	1.130	0.862	-1.396	1.229	0.897
-1.436	1.202	0.828	-0.927	1.602	0.862	-1.403	1.377	0.897
-0.738	1.561	0.828	-1.254	1.518	0.862	-1.192	1.575	0.897
-1.194	1.523	0.828	-1.360	1.434	0.862	-1.261	1.185	0.897
-1.438	1.247	0.828	-1.426	1.270	0.862	-1.232	1.556	0.897
-1.018	1.573	0.828	-1.237	1.142	0.862	-1.367	1.199	0.897
-1.376	1.391	0.828	-1.132	1.572	0.862	-0.766	1.601	0.897
-1.311	1.093	0.828	-1.418	1.330	0.862	-0.972	1.623	0.897
-1.438	1.224	0.828	-0.719	1.572	0.862	-1.308	1.507	0.897
-0.975	1.106	0.828	-1.292	1.493	0.862	-1.041	1.617	0.897
-1.384	1.109	0.828	-0.996	1.599	0.862	-1.132	1.192	0.897
-1.345	1.424	0.828	-0.733	1.110	0.862	-1.325	1.186	0.897
0.051	0.332	0.828	-0.659	1.083	0.862	-0.586	1.077	0.897
-0.090	0.543	0.828	-0.592	1.051	0.862	0.056	0.369	0.897
0.118	0.224	0.828	-0.466	0.973	0.862	-0.350	0.899	0.897
-0.038	1.106	0.828	-0.587	1.524	0.862	-0.218	0.759	0.897
-0.017	0.439	0.828	-0.523	1.493	0.862	-0.159	1.213	0.897
-0.166	0.645	0.828	-0.370	1.398	0.862	-0.462	0.995	0.897
-0.670	1.543	0.828	-0.038	1.094	0.862	-0.223	1.275	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.235	1.294	0.828	0.053	0.987	0.862	-0.359	1.392	0.897
-0.360	0.854	0.828	-0.013	0.460	0.862	-0.405	0.948	0.897
-0.101	1.171	0.828	-0.229	1.285	0.862	0.051	0.973	0.897
-0.474	0.945	0.828	0.121	0.243	0.862	-0.523	1.038	0.897
-0.668	1.048	0.828	-0.161	0.668	0.862	-0.570	1.526	0.897
-0.227	0.718	0.828	-0.085	0.565	0.862	-0.282	0.831	0.897
-0.380	1.402	0.828	-0.528	1.014	0.862	-0.508	1.493	0.897
-0.415	0.901	0.828	-0.353	0.879	0.862	-0.290	1.335	0.897
-0.291	0.788	0.828	-0.099	1.160	0.862	0.122	0.259	0.897
-0.306	1.350	0.828	-0.221	0.741	0.862	-0.158	0.685	0.897
0.055	1.001	0.828	-0.445	1.448	0.862	-0.432	1.445	0.897
-0.457	1.450	0.828	-0.298	1.343	0.862	-0.037	1.080	0.897
-0.603	1.520	0.828	-0.285	0.812	0.862	-0.083	0.582	0.897
-0.166	1.234	0.828	0.138	0.876	0.862	-0.652	1.111	0.897
-0.601	1.019	0.828	-0.163	1.224	0.862	-0.633	1.556	0.897
-0.538	1.491	0.828	0.055	0.352	0.862	-0.097	1.148	0.897
-0.536	0.984	0.828	-0.652	1.551	0.862	0.135	0.861	0.897
0.143	0.891	0.828	-0.408	0.928	0.862	-0.012	0.477	0.897
0.344	-0.169	0.828	0.876	-0.429	0.862	0.501	-0.446	0.897
0.403	0.512	0.828	0.570	0.187	0.862	0.640	0.014	0.897
0.495	0.359	0.828	0.484	0.342	0.862	0.869	-1.155	0.897
0.667	0.045	0.828	0.881	-1.160	0.862	0.551	-0.544	0.897
0.782	-0.184	0.828	0.298	0.647	0.862	0.622	-0.681	0.897
0.306	0.662	0.828	0.718	-0.857	0.862	0.952	-1.310	0.897
0.561	-0.565	0.828	0.510	-0.465	0.862	0.964	-0.674	0.897
0.954	-0.552	0.828	0.343	-0.153	0.862	0.752	-0.214	0.897
0.232	0.028	0.828	0.234	0.046	0.862	0.384	0.480	0.897
0.891	-0.415	0.828	0.653	0.029	0.862	0.392	-0.238	0.897
0.726	-0.865	0.828	0.393	0.496	0.862	0.215	0.747	0.897
0.950	-1.267	0.828	0.615	-0.663	0.862	0.291	0.631	0.897
0.226	0.778	0.828	0.450	-0.353	0.862	0.922	-0.579	0.897
0.831	-1.055	0.828	0.557	-0.554	0.862	0.797	-1.019	0.897
0.453	-0.367	0.828	0.930	-1.250	0.862	0.447	-0.342	0.897
0.622	-0.675	0.828	0.220	0.763	0.862	0.709	-0.850	0.897
0.827	-0.278	0.828	0.391	-0.242	0.862	0.558	0.171	0.897
0.893	-1.165	0.828	0.767	-0.199	0.862	0.797	-0.308	0.897
0.583	0.203	0.828	0.822	-1.051	0.862	0.473	0.326	0.897
1.175	-1.658	0.828	0.982	-1.343	0.862	0.341	-0.140	0.897
1.319	-1.908	0.828	0.980	-0.662	0.862	0.233	0.061	0.897
1.243	-1.225	0.828	1.213	-1.753	0.862	0.860	-0.443	0.897
1.227	-1.749	0.828	1.082	-0.896	0.862	1.231	-1.816	0.897
-1.062	-1.463	0.828	1.048	-1.461	0.862	1.305	-1.950	0.897
1.199	-1.119	0.828	1.142	-1.035	0.862	1.283	-1.911	0.897
1.123	-1.568	0.828	1.257	-1.310	0.862	1.230	-1.294	0.897
0.997	-0.648	0.828	1.022	-0.757	0.862	1.165	-1.140	0.897
1.002	-1.358	0.828	1.301	-1.909	0.862	1.005	-0.767	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.161	-1.029	0.828	1.305	-1.425	0.862	1.126	-1.047	0.897
1.276	-1.833	0.828	1.114	-1.578	0.862	1.086	-1.554	0.897
1.322	-1.415	0.828	1.167	-1.671	0.862	1.158	-1.685	0.897
1.099	-0.883	0.828	1.261	-1.837	0.862	1.288	-1.433	0.897
1.036	-0.737	0.828	1.182	-1.130	0.862	1.066	-0.907	0.897
1.275	-1.301	0.828	1.223	-1.228	0.862	1.033	-1.459	0.897
1.489	-2.206	0.828	1.485	-1.867	0.862	1.408	-1.726	0.897
1.619	-2.158	0.828	1.562	-2.293	0.862	1.553	-2.095	0.897
1.362	-1.982	0.828	1.594	-2.279	0.862	1.595	-2.205	0.897
1.508	-2.243	0.828	1.618	-2.235	0.862	1.599	-2.222	0.897
1.561	-2.009	0.828	1.543	-2.016	0.862	1.428	-2.176	0.897
1.547	-2.283	0.828	1.468	-2.211	0.862	1.501	-1.961	0.897
1.582	-2.287	0.828	1.614	-2.251	0.862	1.472	-1.887	0.897
1.633	-2.195	0.828	1.386	-1.622	0.862	1.386	-2.098	0.897
1.638	-2.229	0.828	1.608	-2.183	0.862	1.599	-2.239	0.897
1.503	-1.860	0.828	1.428	-2.135	0.862	1.586	-2.270	0.897
1.637	-2.212	0.828	1.572	-2.091	0.862	1.467	-2.252	0.897
1.634	-2.245	0.828	1.526	-2.288	0.862	1.541	-2.297	0.897
1.383	-2.019	0.828	1.519	-1.954	0.862	1.343	-1.566	0.897
1.564	-2.287	0.828	1.448	-2.173	0.862	1.559	-2.292	0.897
1.410	-2.067	0.828	1.488	-2.248	0.862	1.346	-2.024	0.897
1.614	-2.273	0.828	1.614	-2.201	0.862	1.523	-2.297	0.897
1.626	-2.177	0.828	1.498	-2.265	0.862	1.490	-2.283	0.897
1.443	-1.711	0.828	1.606	-2.266	0.862	1.574	-2.283	0.897
1.599	-2.282	0.828	1.579	-2.288	0.862	1.448	-2.215	0.897
1.519	-2.260	0.828	1.618	-2.218	0.862	1.408	-2.138	0.897
1.447	-2.131	0.828	1.365	-2.022	0.862	1.525	-2.021	0.897
1.400	-1.605	0.828	1.511	-2.279	0.862	1.506	-2.292	0.897
1.532	-2.273	0.828	1.352	-1.540	0.862	1.594	-2.255	0.897
1.468	-2.168	0.828	1.601	-2.165	0.862	1.478	-2.269	0.897
1.369	-1.529	0.828	1.544	-2.293	0.862	1.582	-2.169	0.897
1.626	-2.260	0.828	1.426	-1.720	0.862	1.589	-2.187	0.897
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.744	1.610	0.931	-1.388	1.396	0.966	-1.304	1.586	1.000
-1.208	1.595	0.931	-1.350	1.508	0.966	-1.025	1.293	1.000
-1.027	1.231	0.931	-1.090	1.269	0.966	-1.362	1.364	1.000
-1.082	1.635	0.931	-1.387	1.374	0.966	-1.197	1.658	1.000
-1.125	1.233	0.931	-1.223	1.616	0.966	-0.851	1.679	1.000
-0.871	1.212	0.931	-1.155	1.271	0.966	-1.155	1.307	1.000
-1.319	1.523	0.931	-1.261	1.594	0.966	-1.284	1.318	1.000
-1.399	1.367	0.931	-0.839	1.654	0.966	-1.377	1.439	1.000
-1.349	1.491	0.931	-1.378	1.330	0.966	-0.948	1.278	1.000
-1.396	1.390	0.931	-1.001	1.670	0.966	-1.235	1.638	1.000
-0.721	1.166	0.931	-1.368	1.476	0.966	-1.350	1.347	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	1.192	0.931	-1.024	1.265	0.966	-0.794	1.663	1.000
-1.256	1.229	0.931	-1.354	1.296	0.966	-1.329	1.558	1.000
-1.285	1.551	0.931	-1.296	1.568	0.966	-1.156	1.673	1.000
-1.360	1.247	0.931	-0.787	1.641	0.966	-1.220	1.311	1.000
-1.400	1.345	0.931	-1.141	1.648	0.966	-0.873	1.257	1.000
-1.248	1.575	0.931	-1.253	1.272	0.966	-0.723	1.637	1.000
-1.319	1.232	0.931	-1.056	1.666	0.966	-1.371	1.384	1.000
-0.878	1.640	0.931	-0.893	1.664	0.966	-1.090	1.302	1.000
-1.341	1.238	0.931	-0.794	1.214	0.966	-1.114	1.685	1.000
-1.370	1.460	0.931	-1.285	1.274	0.966	-1.272	1.615	1.000
-1.398	1.322	0.931	-1.336	1.285	0.966	-1.072	1.692	1.000
-1.223	1.230	0.931	-1.327	1.538	0.966	-0.909	1.690	1.000
-1.386	1.426	0.931	-0.869	1.237	0.966	-1.028	1.696	1.000
-1.125	1.625	0.931	-1.381	1.440	0.966	-1.252	1.314	1.000
-0.811	1.628	0.931	-0.721	1.619	0.966	-1.314	1.325	1.000
-1.288	1.229	0.931	-1.385	1.352	0.966	-1.365	1.493	1.000
-1.015	1.644	0.931	-1.315	1.278	0.966	-1.373	1.466	1.000
-1.387	1.278	0.931	-1.099	1.659	0.966	-1.350	1.527	1.000
-1.394	1.300	0.931	-0.947	1.669	0.966	-0.799	1.229	1.000
-1.167	1.612	0.931	-0.946	1.254	0.966	-0.728	1.196	1.000
-0.946	1.646	0.931	-1.368	1.311	0.966	-0.969	1.696	1.000
-0.948	1.225	0.931	-1.386	1.419	0.966	-1.376	1.411	1.000
-1.375	1.261	0.931	-1.220	1.272	0.966	-1.333	1.334	1.000
0.131	0.846	0.931	-0.721	1.184	0.966	-0.445	1.469	1.000
-0.442	0.995	0.931	-1.183	1.634	0.966	-0.659	1.158	1.000
-0.211	0.761	0.931	-0.478	1.487	0.966	0.058	0.919	1.000
-0.037	1.067	0.931	-0.536	1.526	0.966	-0.365	0.923	1.000
-0.095	1.135	0.931	-0.092	0.604	0.966	-0.162	1.195	1.000
-0.577	1.092	0.931	0.047	0.391	0.966	-0.524	1.527	1.000
-0.678	1.587	0.931	-0.102	1.134	0.966	-0.229	1.268	1.000
0.054	0.382	0.931	-0.271	0.832	0.966	-0.370	1.406	1.000
-0.493	1.491	0.931	-0.658	1.592	0.966	-0.654	1.605	1.000
-0.160	0.698	0.931	-0.218	0.770	0.966	-0.433	0.988	1.000
-0.552	1.527	0.931	-0.327	0.892	0.966	-0.181	0.712	1.000
-0.155	1.201	0.931	-0.036	1.054	0.966	-0.505	1.049	1.000
-0.649	1.132	0.931	-0.386	0.950	0.966	0.100	0.288	1.000
-0.380	0.940	0.931	-0.448	1.005	0.966	-0.035	1.043	1.000
-0.217	1.265	0.931	-0.167	0.707	0.966	-0.300	0.855	1.000
-0.614	1.559	0.931	-0.318	1.358	0.966	-0.034	0.505	1.000
-0.349	1.385	0.931	0.128	0.833	0.966	-0.298	1.339	1.000
0.119	0.272	0.931	-0.581	1.105	0.966	-0.105	0.610	1.000
-0.282	1.327	0.931	0.048	0.945	0.966	0.035	0.397	1.000
-0.320	0.883	0.931	-0.396	1.425	0.966	-0.098	1.120	1.000
-0.419	1.440	0.931	-0.243	1.286	0.966	-0.239	0.785	1.000
-0.085	0.595	0.931	-0.020	0.499	0.966	-0.580	1.106	1.000
-0.014	0.489	0.931	0.112	0.281	0.966	0.146	0.791	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.264	0.823	0.931	-0.651	1.148	0.966	-0.588	1.568	1.000
0.050	0.958	0.931	-0.596	1.561	0.966	0.275	-0.032	1.000
-0.508	1.046	0.931	-0.513	1.057	0.966	0.359	-0.195	1.000
0.230	0.073	0.931	-0.171	1.212	0.966	0.389	0.393	1.000
0.210	0.732	0.931	0.831	-0.463	0.966	0.757	-0.332	1.000
0.544	-0.536	0.931	0.617	-0.695	0.966	0.190	0.129	1.000
0.441	-0.332	0.931	0.726	-0.236	0.966	0.607	-0.019	1.000
0.856	-1.151	0.931	0.786	-0.365	0.966	0.897	-1.286	1.000
0.742	-0.928	0.931	0.537	0.145	0.966	0.521	-0.521	1.000
0.463	0.312	0.931	0.871	-0.551	0.966	0.672	-0.831	1.000
0.628	0.000	0.931	0.687	-0.838	0.966	0.880	-0.605	1.000
0.739	-0.226	0.931	0.202	0.122	0.966	0.601	-0.686	1.000
0.845	-0.455	0.931	0.934	-0.692	0.966	0.752	-0.995	1.000
0.973	-1.373	0.931	0.279	0.602	0.966	0.464	0.257	1.000
0.949	-0.685	0.931	0.949	-1.356	0.966	0.854	-0.546	1.000
0.547	0.157	0.931	0.841	-1.146	0.966	0.440	-0.358	1.000
0.285	0.616	0.931	0.453	-0.365	0.966	0.715	-0.243	1.000
0.699	-0.844	0.931	0.371	-0.202	0.966	0.936	-1.363	1.000
0.889	-0.552	0.931	0.287	-0.039	0.966	0.824	-1.141	1.000
0.376	0.465	0.931	0.616	-0.011	0.966	0.974	-0.819	1.000
0.337	-0.129	0.931	0.454	0.299	0.966	0.980	-1.449	1.000
0.931	-1.294	0.931	0.205	0.718	0.966	0.312	0.528	1.000
0.629	-0.704	0.931	0.534	-0.528	0.966	0.231	0.660	1.000
0.782	-1.008	0.931	0.664	-0.109	0.966	0.920	-0.696	1.000
1.084	-0.997	0.931	0.735	-0.936	0.966	0.536	0.120	1.000
1.212	-1.299	0.931	0.368	0.452	0.966	0.819	-0.468	1.000
1.018	-1.456	0.931	1.043	-1.534	0.966	0.714	-0.918	1.000
1.095	-1.600	0.931	1.000	-1.453	0.966	1.187	-1.841	1.000
1.326	-2.025	0.931	1.305	-2.023	0.966	1.045	-1.573	1.000
1.148	-1.148	0.931	1.068	-1.002	0.966	1.100	-1.678	1.000
1.226	-1.841	0.931	1.253	-1.441	0.966	1.175	-1.296	1.000
1.049	-0.916	0.931	1.122	-1.682	0.966	1.018	-0.924	1.000
1.305	-1.522	0.931	1.318	-1.600	0.966	1.014	-1.514	1.000
1.270	-1.439	0.931	1.287	-1.524	0.966	1.283	-2.019	1.000
1.264	-1.911	0.931	1.132	-1.153	0.966	1.156	-1.783	1.000
1.056	-1.527	0.931	1.201	-1.829	0.966	1.277	-1.542	1.000
1.186	-1.768	0.931	0.995	-0.833	0.966	1.235	-1.441	1.000
1.007	-0.818	0.931	1.195	-1.304	0.966	1.056	-1.011	1.000
1.141	-1.684	0.931	1.033	-0.922	0.966	1.308	-1.619	1.000
1.566	-2.271	0.931	1.244	-1.909	0.966	1.222	-1.905	1.000
1.433	-1.837	0.931	1.437	-2.269	0.966	1.115	-1.153	1.000
1.539	-2.293	0.931	1.544	-2.168	0.966	1.353	-1.728	1.000
1.574	-2.256	0.931	1.371	-1.731	0.966	1.535	-2.246	1.000
1.580	-2.223	0.931	1.534	-2.281	0.966	1.365	-2.172	1.000
1.457	-2.270	0.931	1.560	-2.220	0.966	1.526	-2.261	1.000
1.408	-2.178	0.931	1.406	-2.215	0.966	1.397	-1.838	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.534	-2.097	0.931	1.483	-2.295	0.966	1.345	-2.134	1.000
1.427	-2.216	0.931	1.450	-2.282	0.966	1.500	-2.283	1.000
1.579	-2.240	0.931	1.560	-2.237	0.966	1.525	-2.162	1.000
1.470	-2.284	0.931	1.426	-2.252	0.966	1.386	-2.210	1.000
1.521	-2.298	0.931	1.502	-2.295	0.966	1.482	-2.288	1.000
1.503	-2.298	0.931	1.552	-2.186	0.966	1.446	-2.285	1.000
1.485	-2.293	0.931	1.487	-2.022	0.966	1.468	-2.017	1.000
1.347	-1.624	0.931	1.516	-2.095	0.966	1.540	-2.208	1.000
1.387	-2.140	0.931	1.424	-1.863	0.966	1.496	-2.090	1.000
1.506	-2.023	0.931	1.557	-2.203	0.966	1.464	-2.289	1.000
1.446	-2.254	0.931	1.367	-2.139	0.966	1.427	-1.916	1.000
1.473	-1.940	0.931	1.387	-2.177	0.966	1.417	-2.263	1.000
1.570	-2.188	0.931	1.519	-2.290	0.966	1.540	-2.230	1.000
1.576	-2.206	0.931	1.465	-2.291	0.966	1.514	-2.273	1.000
1.563	-2.170	0.931	1.546	-2.268	0.966	1.406	-2.247	1.000
1.390	-1.730	0.931	1.454	-1.939	0.966	1.430	-2.276	1.000
1.554	-2.284	0.931	1.555	-2.254	0.966	1.535	-2.185	1.000

。

9. 如权利要求 8 所述的涡轮机, 其特征为, 涡轮叶轮包括一个第二级涡轮。

10. 一种涡轮(10), 它包括具有多个叶片(22)的涡轮叶轮(16), 每一个所述叶片具有基本上按照表 1 列出的 X, Y 和 Z 笛卡儿坐标值的没有涂层的名义翼面轮廓, 其中, Z 为沿着与涡轮回转轴线半径方向一致的叶片中心线的无因次值, 通过将 Z 值乘以翼面高度, 并将其乘积与叶片的根部半径相加, 可将该无因次值转换为以英寸表示的 Z 距离; 其中, X 和 Y 为确定在每一个距离 Z 处的翼面轮廓的以英寸表示的距离, 在 Z 距离处的轮廓互相平滑地连接, 形成一个完整的翼面形状; X 和 Y 距离可作为同一个常数或数字的函数按比例改变, 形成比例放大或缩小的叶片翼面, 其中:

表 1

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.672	0.175	0.000	-1.522	0.173	0.035	-1.697	0.458	0.069
-1.429	0.908	0.000	-1.268	0.141	0.035	-1.477	0.201	0.069
-1.614	0.152	0.000	-1.684	0.229	0.035	-1.701	0.310	0.069
-1.734	0.278	0.000	-1.406	0.936	0.035	-1.351	0.182	0.069
-1.725	0.378	0.000	-1.722	0.352	0.035	-1.561	0.745	0.069
-1.631	0.612	0.000	-1.538	0.771	0.035	-1.589	0.225	0.069
-1.485	0.134	0.000	-1.597	0.188	0.035	-1.705	0.425	0.069
-1.496	0.825	0.000	-1.722	0.319	0.035	-1.663	0.557	0.069
-1.731	0.344	0.000	-1.664	0.215	0.035	-1.599	0.684	0.069
-1.693	0.480	0.000	-1.475	0.855	0.035	-1.520	0.803	0.069
-1.518	0.137	0.000	-1.615	0.648	0.035	-1.420	0.925	0.069
-1.357	0.987	0.000	-1.711	0.418	0.035	-1.515	0.208	0.069
-1.557	0.737	0.000	-1.678	0.519	0.035	-1.472	0.865	0.069
-1.734	0.311	0.000	-1.358	0.151	0.035	-1.707	0.334	0.069
-1.453	0.130	0.000	-1.718	0.385	0.035	-1.710	0.360	0.069
-1.692	0.188	0.000	-1.485	0.167	0.035	-1.690	0.288	0.069
-1.273	0.113	0.000	-1.632	0.199	0.035	-1.709	0.392	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.664	0.547	0.000	-1.271	1.065	0.035	-1.440	0.195	0.069
-1.644	0.161	0.000	-1.711	0.269	0.035	-1.307	1.034	0.069
-1.721	0.228	0.000	-1.447	0.162	0.035	-1.261	0.170	0.069
-1.582	0.146	0.000	-1.648	0.584	0.035	-1.365	0.981	0.069
-1.730	0.252	0.000	-1.578	0.710	0.035	-1.688	0.490	0.069
-1.596	0.675	0.000	-1.702	0.451	0.035	-1.623	0.238	0.069
-1.716	0.411	0.000	-1.331	1.011	0.035	-1.552	0.216	0.069
-1.298	1.044	0.000	-1.718	0.294	0.035	-1.633	0.622	0.069
-1.709	0.206	0.000	-1.560	0.179	0.035	-1.674	0.270	0.069
-1.550	0.141	0.000	-1.700	0.247	0.035	-1.656	0.255	0.069
-1.059	0.087	0.000	-1.207	1.114	0.035	-0.895	1.268	0.069
-0.960	1.265	0.000	-0.850	1.289	0.035	-1.180	1.132	0.069
-1.033	1.232	0.000	-1.054	0.112	0.035	-0.941	0.120	0.069
-0.885	1.293	0.000	-0.999	1.237	0.035	-0.807	0.091	0.069
-0.952	0.069	0.000	-0.813	0.066	0.035	-1.101	0.148	0.069
-1.172	1.147	0.000	-1.141	1.160	0.035	-0.819	1.288	0.069
-0.818	0.041	0.000	-1.161	0.127	0.035	-1.112	1.174	0.069
-1.104	1.192	0.000	-0.947	0.094	0.035	-1.042	1.211	0.069
-0.809	1.314	0.000	-0.926	1.266	0.035	-0.969	1.243	0.069
-1.237	1.097	0.000	-1.071	1.201	0.035	-1.245	1.085	0.069
-1.166	0.101	0.000	-0.680	0.031	0.035	-0.505	1.302	0.069
-0.554	-0.034	0.000	-0.145	1.197	0.035	0.175	0.982	0.069
-0.025	1.136	0.000	-0.299	1.263	0.035	-0.050	-0.208	0.069
-0.649	1.333	0.000	-0.296	-0.109	0.035	-0.349	1.270	0.069
-0.250	1.256	0.000	-0.071	1.157	0.035	-0.273	1.245	0.069
0.062	-0.326	0.000	-0.615	1.319	0.035	-0.544	0.016	0.069
-0.426	-0.081	0.000	-0.054	-0.232	0.035	-0.291	-0.084	0.069
-0.098	1.181	0.000	-0.773	1.306	0.035	-0.585	1.308	0.069
-0.685	0.007	0.000	-0.422	-0.056	0.035	0.066	-0.278	0.069
-0.177	-0.193	0.000	-0.221	1.233	0.035	-0.742	1.301	0.069
-0.300	-0.134	0.000	0.001	1.113	0.035	-0.664	1.308	0.069
-0.056	-0.257	0.000	0.156	1.001	0.035	-0.196	1.214	0.069
-0.408	1.307	0.000	0.070	1.065	0.035	-0.416	-0.031	0.069
-0.173	1.221	0.000	-0.535	1.315	0.035	0.023	1.094	0.069
0.132	1.024	0.000	-0.695	1.316	0.035	-0.170	-0.143	0.069
-0.488	1.323	0.000	-0.376	1.286	0.035	-0.427	1.289	0.069
-0.329	1.285	0.000	0.064	-0.302	0.035	-0.674	0.057	0.069
-0.730	1.327	0.000	-0.174	-0.168	0.035	0.091	1.046	0.069
0.046	1.089	0.000	-0.550	-0.010	0.035	-0.121	1.178	0.069
-0.568	1.331	0.000	-0.455	1.304	0.035	-0.048	1.138	0.069
0.746	-0.844	0.000	0.886	-0.958	0.035	0.707	0.429	0.069
0.528	-0.659	0.000	0.238	0.932	0.035	0.484	0.691	0.069
1.029	-1.112	0.000	0.301	-0.462	0.035	0.335	0.842	0.069
0.450	0.730	0.000	0.469	0.708	0.035	0.185	-0.357	0.069
0.638	-0.750	0.000	0.415	-0.548	0.035	0.302	-0.440	0.069
0.301	-0.485	0.000	0.184	-0.379	0.035	0.912	0.152	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.682	0.466	0.000	0.905	0.167	0.035	0.741	-0.808	0.069
1.096	-0.105	0.000	0.744	-0.825	0.035	0.882	-0.943	0.069
0.416	-0.570	0.000	1.100	-0.122	0.035	1.009	0.009	0.069
0.297	0.883	0.000	0.527	-0.638	0.035	0.527	-0.619	0.069
0.183	-0.404	0.000	0.637	-0.730	0.035	0.411	0.767	0.069
0.375	0.808	0.000	0.696	0.445	0.035	0.257	0.913	0.069
0.889	-0.976	0.000	1.025	-1.096	0.035	1.019	-1.082	0.069
0.568	0.600	0.000	1.004	0.024	0.035	0.635	-0.712	0.069
0.896	0.186	0.000	0.585	0.579	0.035	0.415	-0.528	0.069
0.216	0.955	0.000	0.802	0.308	0.035	0.598	0.562	0.069
0.791	0.327	0.000	0.395	0.785	0.035	1.102	-0.137	0.069
0.998	0.042	0.000	0.318	0.860	0.035	0.811	0.292	0.069
1.259	-0.365	0.000	1.291	-1.381	0.035	1.347	-0.553	0.069
1.305	-0.442	0.000	1.571	-0.951	0.035	1.192	-0.284	0.069
1.533	-1.663	0.000	1.612	-1.034	0.035	1.602	-1.044	0.069
1.415	-0.633	0.000	1.514	-0.840	0.035	1.462	-0.768	0.069
1.360	-0.535	0.000	1.159	-1.237	0.035	1.409	-1.519	0.069
1.521	-0.826	0.000	1.465	-0.747	0.035	1.283	-1.371	0.069
1.621	-1.022	0.000	1.411	-0.648	0.035	1.153	-1.225	0.069
1.576	-0.932	0.000	1.193	-0.270	0.035	1.493	-1.622	0.069
1.298	-1.394	0.000	1.523	-1.653	0.035	1.301	-0.471	0.069
1.191	-0.253	0.000	1.419	-1.528	0.035	1.550	-0.940	0.069
1.427	-1.540	0.000	1.304	-0.458	0.035	1.505	-0.851	0.069
1.481	-0.752	0.000	1.366	-0.567	0.035	1.562	-1.709	0.069
1.165	-1.252	0.000	1.625	-1.780	0.035	1.405	-0.660	0.069
1.979	-2.217	0.000	2.039	-2.210	0.035	1.865	-2.124	0.069
1.898	-2.139	0.000	2.046	-2.014	0.035	2.059	-2.167	0.069
2.087	-2.182	0.000	1.894	-2.149	0.035	2.065	-2.149	0.069
2.057	-2.210	0.000	1.968	-2.219	0.035	1.986	-2.221	0.069
2.103	-2.145	0.000	2.059	-2.045	0.035	1.920	-2.200	0.069
1.934	-2.187	0.000	2.068	-2.184	0.035	2.049	-2.185	0.069
1.906	-1.636	0.000	1.724	-1.910	0.035	1.851	-2.103	0.069
2.005	-2.222	0.000	1.922	-2.187	0.035	2.026	-2.016	0.069
1.881	-2.113	0.000	1.866	-2.108	0.035	2.039	-2.048	0.069
2.097	-2.164	0.000	2.082	-2.107	0.035	1.951	-2.218	0.069
2.105	-2.124	0.000	1.880	-2.128	0.035	1.935	-2.211	0.069
2.078	-2.042	0.000	1.666	-1.144	0.035	2.062	-2.109	0.069
1.916	-2.164	0.000	1.986	-2.222	0.035	1.866	-1.628	0.069
1.718	-1.220	0.000	1.770	-1.368	0.035	1.710	-1.904	0.069
1.997	-1.851	0.000	2.033	-1.982	0.035	2.066	-2.129	0.069
2.102	-2.104	0.000	2.072	-2.077	0.035	1.968	-2.221	0.069
2.073	-2.198	0.000	1.908	-2.169	0.035	1.963	-1.860	0.069
1.835	-2.047	0.000	1.820	-1.479	0.035	2.014	-1.985	0.069
2.040	-2.217	0.000	1.880	-1.617	0.035	1.742	-1.345	0.069
2.051	-1.979	0.000	2.085	-2.127	0.035	1.879	-2.144	0.069
2.065	-2.010	0.000	2.084	-2.147	0.035	1.906	-2.184	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.834	-1.471	0.000	1.928	-1.730	0.035	1.892	-2.164	0.069
1.877	-1.570	0.000	1.937	-2.203	0.035	1.652	-1.150	0.069
2.023	-2.221	0.000	1.707	-1.231	0.035	1.781	-2.003	0.069
1.955	-2.205	0.000	2.078	-2.166	0.035	1.694	-1.239	0.069
1.637	-1.789	0.000	2.022	-2.218	0.035	2.052	-2.079	0.069
1.787	-1.981	0.000	2.004	-2.221	0.035	1.645	-1.817	0.069
1.738	-1.916	0.000	2.054	-2.199	0.035	2.003	-2.218	0.069
1.772	-1.336	0.000	1.820	-2.041	0.035	2.036	-2.200	0.069
2.092	-2.073	0.000	1.772	-1.975	0.035	1.911	-1.735	0.069
1.673	-1.126	0.000	1.952	-2.212	0.035	1.805	-1.486	0.069
1.944	-1.724	0.000	1.981	-1.856	0.035	2.020	-2.211	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.155	1.149	0.103	-1.635	0.334	0.138	-1.304	1.060	0.172
-1.506	0.244	0.103	-1.662	0.566	0.138	-1.485	0.320	0.172
-1.221	1.106	0.103	-1.679	0.503	0.138	-1.671	0.453	0.172
-1.698	0.400	0.103	-1.653	0.349	0.138	-1.418	0.957	0.172
-1.503	0.836	0.103	-1.324	1.033	0.138	-1.665	0.429	0.172
-0.792	1.289	0.103	-1.668	0.368	0.138	-1.623	0.373	0.172
-1.649	0.594	0.103	-1.686	0.439	0.138	-1.641	0.388	0.172
-1.094	0.178	0.103	-1.435	0.926	0.138	-1.659	0.573	0.172
-1.579	0.263	0.103	-1.459	0.273	0.138	-1.622	0.668	0.172
-1.618	0.658	0.103	-1.683	0.414	0.138	-1.592	0.355	0.172
-1.453	0.896	0.103	-1.569	0.302	0.138	-1.553	0.789	0.172
-1.015	1.222	0.103	-1.422	0.266	0.138	-1.322	0.287	0.172
-1.583	0.719	0.103	-1.678	0.390	0.138	-1.522	0.329	0.172
-1.432	0.230	0.103	-1.604	0.694	0.138	-1.667	0.541	0.172
-1.343	0.215	0.103	-1.333	0.250	0.138	-1.513	0.846	0.172
-1.469	0.237	0.103	-1.684	0.471	0.138	-1.655	0.407	0.172
-0.814	0.122	0.103	-1.264	1.082	0.138	-1.469	0.900	0.172
-1.086	1.188	0.103	-1.636	0.631	0.138	-1.411	0.304	0.172
-1.543	0.253	0.103	-1.603	0.316	0.138	-1.672	0.510	0.172
-1.664	0.310	0.103	-1.486	0.868	0.138	-1.558	0.341	0.172
-1.400	0.953	0.103	-1.568	0.754	0.138	-1.673	0.478	0.172
-1.344	1.007	0.103	-1.529	0.812	0.138	-1.448	0.312	0.172
-1.614	0.277	0.103	-1.496	0.282	0.138	-1.590	0.730	0.172
-0.867	1.273	0.103	-1.533	0.291	0.138	-1.649	0.604	0.172
-1.689	0.350	0.103	-1.381	0.982	0.138	-1.363	1.010	0.172
-1.675	0.528	0.103	-1.671	0.535	0.138	-0.893	1.271	0.172
-1.679	0.328	0.103	-0.917	1.260	0.138	-0.916	0.211	0.172
-0.942	1.251	0.103	-1.132	1.168	0.138	-1.243	1.106	0.172
-1.285	1.058	0.103	-1.244	0.236	0.138	-1.178	1.149	0.172
-1.697	0.432	0.103	-0.842	1.279	0.138	-0.796	0.182	0.172
-1.545	0.779	0.103	-0.926	0.179	0.138	-1.040	1.220	0.172
-0.934	0.149	0.103	-0.806	0.151	0.138	-1.074	0.244	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.695	0.374	0.103	-1.062	1.204	0.138	-0.819	1.287	0.172
-1.692	0.465	0.103	-0.991	1.234	0.138	-1.234	0.272	0.172
-1.253	0.202	0.103	-1.085	0.210	0.138	-1.110	1.187	0.172
-1.646	0.295	0.103	-1.199	1.127	0.138	-0.968	1.248	0.172
-1.684	0.497	0.103	-0.380	1.269	0.138	-0.125	-0.090	0.172
-0.029	1.122	0.103	-0.767	1.292	0.138	-0.591	1.302	0.172
-0.402	1.277	0.103	-0.082	1.150	0.138	-0.436	1.282	0.172
-0.250	1.231	0.103	-0.155	1.187	0.138	-0.678	0.148	0.172
-0.350	-0.031	0.103	-0.535	1.296	0.138	-0.562	0.110	0.172
-0.578	0.055	0.103	-0.028	-0.172	0.138	-0.513	1.295	0.172
-0.136	-0.135	0.103	0.073	-0.236	0.138	-0.448	0.067	0.172
-0.325	1.257	0.103	-0.236	-0.057	0.138	0.054	1.067	0.172
-0.637	1.303	0.103	-0.230	1.220	0.138	0.137	1.008	0.172
-0.100	1.163	0.103	-0.131	-0.112	0.138	-0.212	1.212	0.172
-0.174	1.199	0.103	-0.690	1.300	0.138	-0.031	1.121	0.172
0.041	1.078	0.103	-0.457	1.285	0.138	-0.023	-0.151	0.172
0.069	-0.256	0.103	-0.687	0.119	0.138	-0.360	1.264	0.172
-0.715	1.299	0.103	0.124	1.018	0.138	-0.230	-0.034	0.172
-0.695	0.091	0.103	-0.456	0.040	0.138	0.076	-0.217	0.172
-0.463	0.014	0.103	-0.613	1.301	0.138	-0.667	1.303	0.172
0.109	1.031	0.103	-0.570	0.082	0.138	-0.120	1.170	0.172
-0.242	-0.081	0.103	-0.304	1.247	0.138	-0.337	0.019	0.172
-0.558	1.301	0.103	-0.012	1.110	0.138	-0.285	1.240	0.172
-0.480	1.292	0.103	-0.344	-0.006	0.138	-0.743	1.298	0.172
-0.032	-0.193	0.103	0.057	1.065	0.138	0.994	-1.058	0.172
1.101	-0.149	0.103	1.134	-1.209	0.138	0.625	-0.674	0.172
0.525	-0.602	0.103	1.010	-0.015	0.138	0.726	0.393	0.172
0.715	0.415	0.103	0.415	-0.494	0.138	1.095	-0.169	0.172
1.012	-1.071	0.103	0.505	0.665	0.138	1.122	-1.205	0.172
0.633	-0.697	0.103	0.524	-0.588	0.138	0.513	0.655	0.172
0.877	-0.931	0.103	0.870	-0.921	0.138	0.192	-0.300	0.172
0.303	-0.421	0.103	0.190	-0.317	0.138	0.305	-0.388	0.172
0.818	0.278	0.103	0.721	0.403	0.138	0.727	-0.774	0.172
1.010	-0.004	0.103	0.361	0.815	0.138	0.371	0.805	0.172
0.424	0.753	0.103	0.918	0.127	0.138	0.824	0.257	0.172
0.415	-0.510	0.103	1.099	-0.160	0.138	0.862	-0.914	0.172
0.272	0.898	0.103	0.304	-0.404	0.138	0.218	0.944	0.172
0.738	-0.794	0.103	0.434	0.741	0.138	0.295	0.876	0.172
0.608	0.548	0.103	0.206	0.954	0.138	0.918	0.117	0.172
0.916	0.138	0.103	0.629	-0.684	0.138	1.009	-0.025	0.172
0.496	0.676	0.103	0.822	0.267	0.138	0.443	0.731	0.172
1.144	-1.216	0.103	0.733	-0.783	0.138	0.521	-0.576	0.172
0.188	-0.336	0.103	1.004	-1.063	0.138	0.622	0.526	0.172
0.349	0.827	0.103	0.616	0.536	0.138	0.414	-0.480	0.172
0.192	0.966	0.103	0.285	0.886	0.138	1.538	-1.020	0.172
1.390	-0.657	0.103	1.241	-0.406	0.138	1.247	-1.355	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.680	-1.247	0.103	1.384	-1.508	0.138	1.518	-1.699	0.172
1.742	-1.386	0.103	1.453	-1.595	0.138	1.587	-1.127	0.172
1.890	-2.180	0.103	1.185	-0.306	0.138	1.424	-0.782	0.172
1.918	-2.209	0.103	1.436	-0.774	0.138	1.179	-0.316	0.172
2.046	-2.149	0.103	1.495	-0.894	0.138	1.313	-1.437	0.172
1.846	-1.626	0.103	1.609	-1.132	0.138	1.254	-0.453	0.172
1.849	-2.120	0.103	1.534	-1.701	0.138	1.369	-1.506	0.172
1.904	-2.198	0.103	1.384	-0.672	0.138	1.443	-1.602	0.172
1.463	-1.594	0.103	1.614	-1.807	0.138	1.487	-0.913	0.172
1.968	-2.221	0.103	1.552	-1.013	0.138	1.358	-0.652	0.172
1.933	-2.216	0.103	1.260	-1.358	0.138	1.179	-1.273	0.172
1.397	-1.513	0.103	1.313	-0.539	0.138	1.304	-0.547	0.172
2.042	-2.110	0.103	1.854	-2.147	0.138	1.592	-1.797	0.172
1.893	-1.739	0.103	1.968	-2.219	0.138	2.004	-2.169	0.172
1.272	-1.363	0.103	1.950	-2.222	0.138	2.001	-2.112	0.172
1.863	-2.140	0.103	1.837	-2.121	0.138	1.735	-1.994	0.172
1.446	-0.765	0.103	2.027	-2.150	0.138	1.647	-1.260	0.172
2.041	-2.168	0.103	1.933	-2.220	0.138	1.774	-2.049	0.172
1.549	-1.704	0.103	1.715	-1.369	0.138	1.706	-1.393	0.172
1.994	-1.986	0.103	1.771	-1.497	0.138	1.873	-2.193	0.172
1.950	-2.221	0.103	1.751	-1.996	0.138	2.006	-2.131	0.172
1.986	-2.218	0.103	1.948	-1.924	0.138	1.900	-2.215	0.172
1.877	-2.160	0.103	1.902	-2.207	0.138	1.886	-2.205	0.172
2.018	-2.200	0.103	1.916	-2.216	0.138	1.983	-2.202	0.172
1.695	-1.900	0.103	2.022	-2.168	0.138	1.916	-2.220	0.172
1.630	-1.140	0.103	2.000	-2.201	0.138	1.967	-2.213	0.172
2.006	-2.018	0.103	1.664	-1.254	0.138	1.664	-1.895	0.172
1.267	-0.431	0.103	2.021	-2.111	0.138	1.803	-1.619	0.172
2.046	-2.130	0.103	1.826	-1.625	0.138	1.995	-2.187	0.172
1.633	-1.815	0.103	2.011	-2.081	0.138	1.951	-2.219	0.172
1.789	-1.492	0.103	1.871	-2.172	0.138	1.839	-2.144	0.172
1.836	-2.099	0.103	2.013	-2.186	0.138	1.753	-1.502	0.172
1.566	-1.005	0.103	1.974	-1.988	0.138	1.985	-2.072	0.172
2.002	-2.211	0.103	1.680	-1.897	0.138	1.905	-1.867	0.172
1.321	-0.529	0.103	1.998	-2.050	0.138	1.855	-1.745	0.172
2.031	-2.185	0.103	1.820	-2.096	0.138	2.007	-2.150	0.172
1.944	-1.863	0.103	2.026	-2.131	0.138	1.822	-2.119	0.172
2.032	-2.080	0.103	1.925	-1.865	0.138	1.933	-2.222	0.172
1.510	-0.891	0.103	1.985	-2.212	0.138	1.969	-2.031	0.172
1.766	-1.999	0.103	1.986	-2.019	0.138	1.804	-2.093	0.172
1.189	-0.296	0.103	1.888	-2.195	0.138	1.856	-2.169	0.172
2.019	-2.049	0.103	1.874	-1.742	0.138	1.953	-1.990	0.172
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.659	0.547	0.207	-1.574	0.781	0.241	-1.459	0.954	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.345	1.039	0.207	-1.597	0.450	0.241	-1.420	0.996	0.276
-1.398	0.343	0.207	-1.532	0.419	0.241	-1.560	0.816	0.276
-1.453	0.932	0.207	-1.634	0.647	0.241	-1.557	0.473	0.276
-1.472	0.360	0.207	-1.566	0.432	0.241	-1.633	0.567	0.276
-1.435	0.351	0.207	-1.615	0.465	0.241	-1.611	0.715	0.276
-1.525	0.842	0.207	-1.601	0.730	0.241	-1.529	0.864	0.276
-1.614	0.694	0.207	-1.267	1.114	0.241	-1.634	0.622	0.276
-1.545	0.380	0.207	-1.459	0.400	0.241	-1.528	0.461	0.276
-1.579	0.393	0.207	-1.646	0.529	0.241	-1.371	0.425	0.276
-1.310	0.326	0.207	-1.639	0.506	0.241	-1.588	0.767	0.276
-1.653	0.467	0.207	-1.208	0.350	0.241	-1.366	1.048	0.276
-1.401	0.987	0.207	-0.774	0.249	0.241	-1.498	0.452	0.276
-1.646	0.610	0.207	0.160	0.993	0.241	-1.402	0.431	0.276
-1.658	0.491	0.207	0.080	1.053	0.241	-1.616	0.522	0.276
-1.628	0.427	0.207	-0.624	1.316	0.241	-1.601	0.504	0.276
-1.661	0.516	0.207	-0.114	-0.048	0.241	-1.308	1.097	0.276
-1.643	0.446	0.207	-0.658	0.211	0.241	-1.635	0.591	0.276
-1.588	0.745	0.207	-0.699	1.316	0.241	-1.466	0.445	0.276
-1.610	0.412	0.207	-0.091	1.160	0.241	-1.626	0.544	0.276
-1.558	0.795	0.207	-1.437	0.964	0.241	-1.434	0.438	0.276
-1.490	0.888	0.207	0.083	-0.183	0.241	-1.621	0.684	0.276
-1.285	1.087	0.207	-0.398	1.283	0.241	-1.584	0.489	0.276
-1.509	0.369	0.207	-0.543	0.169	0.241	-1.495	0.910	0.276
-1.654	0.579	0.207	-0.849	1.298	0.241	-1.629	0.654	0.276
-1.636	0.641	0.207	-1.383	1.018	0.241	-1.247	1.141	0.276
-1.221	0.310	0.207	-0.996	1.257	0.241	-0.984	0.346	0.276
-1.157	1.171	0.207	-1.068	1.228	0.241	-0.880	0.320	0.276
-0.871	1.284	0.207	-0.217	0.013	0.241	-1.116	1.218	0.276
-1.063	0.280	0.207	-1.137	1.195	0.241	-0.975	1.276	0.276
-0.905	0.245	0.207	-1.296	0.366	0.241	-1.184	1.181	0.276
-0.786	0.214	0.207	-1.384	0.384	0.241	-1.046	1.250	0.276
-1.018	1.238	0.207	-1.421	0.392	0.241	-1.089	0.370	0.276
-1.223	1.131	0.207	-0.431	0.122	0.241	-0.827	1.313	0.276
-0.945	1.264	0.207	-1.327	1.068	0.241	-1.194	0.391	0.276
-0.796	1.298	0.207	-0.180	1.205	0.241	-0.901	1.297	0.276
-1.089	1.207	0.207	-0.015	-0.113	0.241	-0.752	1.322	0.276
0.067	1.059	0.207	-0.473	1.300	0.241	-0.379	1.286	0.276
-0.416	1.282	0.207	-1.629	0.484	0.241	-0.314	0.097	0.276
-0.668	0.179	0.207	-1.647	0.585	0.241	-0.763	0.285	0.276
-0.019	-0.132	0.207	-0.324	1.262	0.241	-0.010	-0.094	0.276
-0.017	1.114	0.207	-0.893	0.281	0.241	0.091	1.047	0.276
-0.569	1.305	0.207	-0.774	1.310	0.241	-0.306	1.262	0.276
-0.329	0.044	0.207	-1.642	0.616	0.241	-0.210	0.038	0.276
-0.105	1.164	0.207	-1.544	0.830	0.241	-0.453	1.304	0.276
-0.553	0.139	0.207	-1.648	0.554	0.241	-0.602	1.324	0.276
-0.341	1.262	0.207	-0.251	1.236	0.241	-0.077	1.156	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.440	0.094	0.207	-0.322	0.069	0.241	-0.533	0.201	0.276
0.149	1.000	0.207	-1.204	1.156	0.241	-0.165	1.203	0.276
-0.223	-0.010	0.207	-1.496	0.409	0.241	-0.235	1.235	0.276
-0.196	1.208	0.207	-1.475	0.921	0.241	-0.647	0.246	0.276
-0.268	1.237	0.207	-0.548	1.311	0.241	0.009	1.104	0.276
0.080	-0.200	0.207	-1.624	0.678	0.241	-0.422	0.152	0.276
-0.645	1.308	0.207	-1.050	0.318	0.241	-0.109	-0.026	0.276
-0.721	1.306	0.207	-0.923	1.280	0.241	-0.677	1.326	0.276
-0.120	-0.069	0.207	-1.511	0.876	0.241	0.171	0.986	0.276
-0.492	1.296	0.207	-0.004	1.109	0.241	0.086	-0.166	0.276
0.518	-0.566	0.207	1.035	-1.135	0.241	-0.528	1.317	0.276
0.720	-0.767	0.207	1.092	-1.204	0.241	1.076	-0.198	0.276
1.044	-1.128	0.207	0.258	0.911	0.241	0.509	-0.548	0.276
0.413	-0.469	0.207	0.730	0.375	0.241	0.730	0.365	0.276
0.627	0.517	0.207	0.824	0.238	0.241	0.359	0.816	0.276
0.194	-0.285	0.207	0.842	-0.907	0.241	0.911	0.088	0.276
1.090	-0.179	0.207	0.614	-0.658	0.241	0.529	0.627	0.276
0.982	-1.056	0.207	0.525	0.637	0.241	0.267	0.903	0.276
0.620	-0.665	0.207	1.153	-1.279	0.241	0.822	0.228	0.276
0.919	-0.983	0.207	1.163	-0.334	0.241	0.408	-0.447	0.276
1.108	-1.204	0.207	1.484	-1.700	0.241	0.995	-0.054	0.276
0.520	0.646	0.207	1.506	-1.035	0.241	0.703	-0.758	0.276
0.305	-0.375	0.207	1.899	-2.223	0.241	1.029	-1.147	0.276
0.825	0.247	0.207	1.933	-2.215	0.241	0.830	-0.905	0.276
0.433	0.741	0.207	1.882	-2.221	0.241	0.607	-0.652	0.276
0.343	0.832	0.207	1.864	-1.874	0.241	0.304	-0.350	0.276
0.248	0.919	0.207	1.701	-1.992	0.241	0.878	-0.962	0.276
0.853	-0.910	0.207	1.969	-2.153	0.241	1.076	-1.205	0.276
1.005	-0.034	0.207	1.768	-1.639	0.241	0.197	-0.255	0.276
0.917	0.108	0.207	1.867	-2.214	0.241	1.124	-1.266	0.276
0.728	0.384	0.207	1.772	-2.091	0.241	0.954	-1.054	0.276
1.164	-1.272	0.207	1.567	-1.171	0.241	0.632	0.498	0.276
1.522	-1.027	0.207	1.349	-0.699	0.241	0.446	0.723	0.276
1.411	-0.791	0.207	0.630	0.508	0.241	1.490	-1.043	0.276
1.584	-1.809	0.207	1.853	-2.204	0.241	1.197	-1.357	0.276
1.231	-1.354	0.207	1.815	-1.753	0.241	1.314	-0.663	0.276
1.298	-1.438	0.207	1.841	-2.190	0.241	1.317	-1.510	0.276
1.450	-0.874	0.207	1.796	-2.125	0.241	1.382	-1.594	0.276
1.231	-0.436	0.207	1.912	-1.995	0.241	1.382	-0.808	0.276
1.353	-1.507	0.207	0.351	0.824	0.241	1.154	-0.344	0.276
1.355	-0.677	0.207	1.084	-0.188	0.241	1.229	-0.490	0.276
1.417	-1.590	0.207	1.966	-2.134	0.241	1.271	-0.575	0.276
1.592	-1.182	0.207	1.283	-0.565	0.241	1.541	-1.159	0.276
1.172	-0.325	0.207	0.968	-1.055	0.241	1.548	-1.811	0.276
1.501	-1.699	0.207	1.947	-2.204	0.241	1.450	-0.954	0.276
1.294	-0.556	0.207	0.915	0.098	0.241	1.465	-1.702	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.789	-2.092	0.207	1.629	-1.894	0.241	1.269	-1.449	0.276
1.647	-1.894	0.207	1.335	-1.508	0.241	1.899	-2.223	0.276
1.884	-1.870	0.207	0.305	-0.362	0.241	1.756	-2.091	0.276
1.870	-2.204	0.207	1.959	-2.189	0.241	1.779	-2.124	0.276
1.835	-1.749	0.207	0.900	-0.975	0.241	1.825	-2.190	0.276
1.899	-2.221	0.207	1.215	-0.433	0.241	1.915	-2.217	0.276
1.933	-1.992	0.207	1.275	-1.432	0.241	1.646	-1.402	0.276
1.985	-2.170	0.207	1.612	-1.273	0.241	1.882	-2.225	0.276
1.734	-1.507	0.207	1.397	-0.799	0.241	1.594	-1.280	0.276
1.988	-2.152	0.207	1.936	-2.055	0.241	1.929	-2.206	0.276
1.965	-2.203	0.207	1.214	-1.356	0.241	1.892	-1.998	0.276
1.630	-1.266	0.207	0.196	-0.270	0.241	1.611	-1.895	0.276
1.916	-2.222	0.207	1.444	-0.900	0.241	1.946	-2.137	0.276
1.933	-2.220	0.207	1.819	-2.158	0.241	1.865	-2.222	0.276
1.812	-2.126	0.207	1.715	-1.512	0.241	1.940	-2.191	0.276
1.835	-2.159	0.207	1.398	-1.589	0.241	1.743	-1.630	0.276
1.950	-2.214	0.207	0.514	-0.557	0.241	1.947	-2.174	0.276
1.949	-2.033	0.207	1.737	-2.041	0.241	1.844	-1.878	0.276
1.857	-2.191	0.207	1.661	-1.386	0.241	1.795	-1.758	0.276
1.883	-2.214	0.207	0.440	0.732	0.241	1.837	-2.204	0.276
1.718	-1.993	0.207	0.712	-0.762	0.241	1.696	-1.518	0.276
1.964	-2.073	0.207	1.960	-2.115	0.241	1.915	-2.058	0.276
1.798	-1.658	0.207	1.916	-2.221	0.241	1.949	-2.156	0.276
1.980	-2.113	0.207	1.001	-0.044	0.241	1.684	-1.993	0.276
1.669	-1.356	0.207	1.966	-2.172	0.241	1.939	-2.118	0.276
1.986	-2.133	0.207	0.411	-0.458	0.241	1.802	-2.157	0.276
1.977	-2.188	0.207	1.569	-1.813	0.241	1.850	-2.215	0.276
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.603	0.561	0.310	-1.602	0.729	0.345	-1.566	0.827	0.379
-1.571	0.527	0.310	-1.505	0.539	0.345	-1.362	1.090	0.379
-1.347	1.078	0.310	-1.327	1.108	0.345	-1.594	0.738	0.379
-1.545	0.512	0.310	-1.268	1.153	0.345	-1.578	0.798	0.379
-1.227	1.168	0.310	-1.592	0.600	0.345	-1.581	0.640	0.379
-1.454	0.484	0.310	-1.411	0.517	0.345	-1.441	1.011	0.379
-1.390	0.471	0.310	-1.496	0.933	0.345	-1.402	0.554	0.379
-1.589	0.543	0.310	-1.578	0.582	0.345	-1.305	1.137	0.379
-1.597	0.752	0.310	-1.534	0.551	0.345	-1.370	0.549	0.379
-1.623	0.630	0.310	-1.558	0.839	0.345	-1.541	0.876	0.379
-1.485	0.492	0.310	-1.460	0.977	0.345	-1.249	0.531	0.379
-1.621	0.660	0.310	-1.610	0.668	0.345	-1.511	0.923	0.379
-1.614	0.582	0.310	-1.528	0.888	0.345	-1.588	0.768	0.379
-1.441	0.987	0.310	-1.347	0.505	0.345	-1.403	1.051	0.379
-1.516	0.500	0.310	-1.602	0.621	0.345	-1.595	0.684	0.379
-1.620	0.605	0.310	-1.608	0.644	0.345	-1.434	0.561	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.422	0.478	0.310	-1.608	0.699	0.345	-1.477	0.968	0.379
-1.402	1.027	0.310	-1.383	1.059	0.345	-1.245	1.180	0.379
-1.289	1.125	0.310	-1.593	0.759	0.345	-1.567	0.621	0.379
-1.616	0.691	0.310	-1.582	0.789	0.345	-1.525	0.589	0.379
-1.513	0.899	0.310	-1.423	1.019	0.345	-1.597	0.708	0.379
-1.478	0.944	0.310	-1.443	0.523	0.345	-1.496	0.577	0.379
-1.545	0.852	0.310	-1.379	0.511	0.345	-1.338	0.544	0.379
-1.274	0.450	0.310	-1.475	0.530	0.345	-1.466	0.568	0.379
-1.608	0.722	0.310	-1.560	0.566	0.345	-1.590	0.661	0.379
-1.358	0.465	0.310	-0.856	0.405	0.345	-1.551	0.606	0.379
-1.573	0.803	0.310	-1.141	1.230	0.345	-1.117	1.253	0.379
-1.163	1.206	0.310	-1.170	0.476	0.345	-0.905	1.328	0.379
-1.024	1.270	0.310	-0.960	0.432	0.345	-1.183	1.219	0.379
-1.095	1.241	0.310	-1.205	1.194	0.345	-0.844	0.451	0.379
-0.879	1.314	0.310	-1.072	1.262	0.345	-1.054	0.501	0.379
-0.804	1.327	0.310	-1.065	0.456	0.345	-0.832	1.342	0.379
-1.076	0.412	0.310	-0.781	1.339	0.345	-1.160	0.519	0.379
-1.182	0.433	0.310	-0.856	1.329	0.345	-0.978	1.308	0.379
-0.972	0.388	0.310	-0.929	1.312	0.345	-1.048	1.283	0.379
-0.952	1.295	0.310	-1.002	1.290	0.345	-0.949	0.478	0.379
-0.868	0.361	0.310	-0.413	1.309	0.345	0.002	-0.022	0.379
0.021	1.098	0.310	-0.625	0.324	0.345	-0.502	0.315	0.379
-0.289	1.262	0.310	-0.201	1.230	0.345	-0.092	0.054	0.379
-0.360	1.287	0.310	-0.270	1.260	0.345	0.123	1.021	0.379
-0.103	-0.002	0.310	-0.486	1.326	0.345	-0.252	1.256	0.379
0.088	-0.147	0.310	-0.049	1.145	0.345	-0.611	1.350	0.379
-0.523	0.236	0.310	-0.560	1.337	0.345	-0.758	1.350	0.379
-0.219	1.233	0.310	0.113	1.031	0.345	-0.728	0.412	0.379
-0.656	1.336	0.310	-0.134	1.195	0.345	-0.321	1.285	0.379
-0.751	0.325	0.310	-0.633	1.344	0.345	-0.184	1.224	0.379
-0.433	1.307	0.310	-0.196	0.094	0.345	-0.117	1.188	0.379
-0.203	0.064	0.310	0.090	-0.125	0.345	-0.034	1.137	0.379
0.180	0.978	0.310	-0.513	0.275	0.345	-0.392	1.309	0.379
-0.636	0.283	0.310	-0.002	-0.048	0.345	-0.537	1.341	0.379
-0.306	0.126	0.310	-0.707	1.344	0.345	-0.684	1.353	0.379
-0.581	1.332	0.310	0.033	1.090	0.345	-0.189	0.126	0.379
-0.413	0.184	0.310	-0.341	1.287	0.345	-0.394	0.257	0.379
-0.730	1.334	0.310	-0.098	0.025	0.345	-0.613	0.367	0.379
-0.150	1.200	0.310	-0.297	0.159	0.345	-0.289	0.194	0.379
-0.507	1.322	0.310	-0.404	0.219	0.345	-0.465	1.328	0.379
0.102	1.040	0.310	-0.739	0.367	0.345	0.046	1.081	0.379
-0.063	1.152	0.310	0.834	-0.934	0.345	0.092	-0.101	0.379
-0.006	-0.072	0.310	0.920	-1.044	0.345	0.489	-0.514	0.379
0.940	-1.054	0.310	1.132	-1.319	0.345	0.971	-0.092	0.379
1.068	-0.209	0.310	1.133	-0.367	0.345	0.739	-0.821	0.379
0.404	-0.436	0.310	0.197	-0.221	0.345	1.036	-1.211	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.197	-0.239	0.310	0.983	-1.126	0.345	0.297	-0.302	0.379
0.633	0.487	0.310	0.453	0.702	0.345	0.902	-1.034	0.379
0.999	-1.129	0.310	0.980	-0.078	0.345	0.630	0.460	0.379
0.365	0.806	0.310	0.682	-0.745	0.345	0.671	-0.735	0.379
0.599	-0.645	0.310	1.058	-0.222	0.345	0.197	-0.200	0.379
1.144	-0.355	0.310	0.189	0.969	0.345	0.373	0.782	0.379
0.503	-0.539	0.310	0.815	0.204	0.345	1.115	-1.316	0.379
0.450	0.713	0.310	0.369	0.795	0.345	0.197	0.957	0.379
0.754	-0.825	0.310	0.726	0.341	0.345	1.121	-0.381	0.379
0.532	0.617	0.310	0.632	0.475	0.345	0.892	0.049	0.379
0.275	0.894	0.310	0.300	-0.320	0.345	0.455	0.688	0.379
0.819	0.217	0.310	0.533	0.605	0.345	0.809	0.189	0.379
1.068	-1.216	0.310	0.400	-0.422	0.345	0.581	-0.624	0.379
0.988	-0.065	0.310	0.281	0.884	0.345	0.968	-1.121	0.379
0.302	-0.336	0.310	0.899	0.064	0.345	0.821	-0.927	0.379
0.728	0.354	0.310	0.748	-0.825	0.345	0.395	-0.407	0.379
0.906	0.077	0.310	1.047	-1.208	0.345	0.533	0.590	0.379
0.693	-0.752	0.310	0.496	-0.528	0.345	1.047	-0.236	0.379
0.848	-0.939	0.310	0.590	-0.635	0.345	0.722	0.326	0.379
1.149	-1.320	0.310	1.313	-0.742	0.345	0.287	0.872	0.379
1.299	-1.512	0.310	1.429	-1.704	0.345	1.497	-1.203	0.379
1.368	-0.818	0.310	1.281	-1.512	0.345	1.383	-0.940	0.379
1.447	-1.704	0.310	1.349	-1.601	0.345	1.541	-1.304	0.379
1.473	-1.052	0.310	1.457	-1.061	0.345	1.342	-1.614	0.379
1.534	-1.818	0.310	1.508	-1.808	0.345	1.440	-1.071	0.379
1.319	-0.714	0.310	1.558	-1.296	0.345	1.337	-0.840	0.379
1.359	-1.590	0.310	1.245	-0.596	0.345	1.172	-0.485	0.379
1.195	-0.457	0.310	1.513	-1.190	0.345	1.479	-1.795	0.379
1.230	-1.424	0.310	1.217	-1.430	0.345	1.231	-0.609	0.379
1.532	-1.185	0.310	1.175	-0.452	0.345	1.263	-1.510	0.379
1.414	-0.919	0.310	1.353	-0.828	0.345	1.195	-1.421	0.379
1.258	-0.585	0.310	1.400	-0.933	0.345	1.289	-0.734	0.379
1.739	-2.092	0.310	1.721	-2.093	0.345	1.556	-1.898	0.379
1.895	-2.061	0.310	1.899	-2.124	0.345	1.411	-1.704	0.379
1.930	-2.158	0.310	1.903	-2.196	0.345	1.702	-2.095	0.379
1.677	-1.525	0.310	1.829	-2.226	0.345	1.873	-2.214	0.379
1.919	-2.120	0.310	1.875	-2.064	0.345	1.810	-2.229	0.379
1.928	-2.177	0.310	1.794	-1.862	0.345	1.827	-2.232	0.379
1.666	-1.994	0.310	1.906	-2.143	0.345	1.891	-2.165	0.379
1.819	-2.205	0.310	1.846	-2.229	0.345	1.855	-2.068	0.379
1.824	-1.882	0.310	1.658	-1.531	0.345	1.587	-1.413	0.379
1.881	-2.225	0.310	1.878	-2.221	0.345	1.640	-1.539	0.379
1.926	-2.140	0.310	1.851	-2.005	0.345	1.782	-2.209	0.379
1.775	-1.763	0.310	1.790	-2.192	0.345	1.737	-1.774	0.379
1.593	-1.896	0.310	1.826	-1.943	0.345	1.726	-2.128	0.379
1.897	-2.219	0.310	1.814	-2.218	0.345	1.832	-2.009	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.615	-1.378	0.310	1.910	-2.161	0.345	1.859	-2.225	0.379
1.911	-2.208	0.310	1.862	-2.227	0.345	1.890	-2.183	0.379
1.871	-2.001	0.310	1.714	-1.666	0.345	1.795	-2.221	0.379
1.848	-2.224	0.310	1.768	-2.159	0.345	1.843	-2.231	0.379
1.864	-2.226	0.310	1.575	-1.897	0.345	1.629	-1.996	0.379
1.786	-2.158	0.310	1.601	-1.397	0.345	1.884	-2.200	0.379
1.762	-2.125	0.310	1.756	-1.768	0.345	1.887	-2.146	0.379
1.922	-2.194	0.310	1.801	-2.207	0.345	1.749	-2.161	0.379
1.832	-2.216	0.310	1.909	-2.180	0.345	1.771	-2.194	0.379
1.738	-1.672	0.310	1.892	-2.211	0.345	1.879	-2.128	0.379
1.576	-1.288	0.310	1.745	-2.126	0.345	1.785	-1.892	0.379
1.808	-2.190	0.310	1.648	-1.995	0.345	1.692	-1.664	0.379
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.382	1.084	0.414	-1.550	0.701	0.448	-1.559	0.829	0.483
-1.580	0.778	0.414	-1.572	0.765	0.448	-1.481	0.998	0.483
-1.542	0.645	0.414	-1.398	0.630	0.448	-1.297	1.184	0.483
-1.573	0.807	0.414	-1.435	0.638	0.448	-1.348	1.143	0.483
-1.584	0.724	0.414	-1.260	1.195	0.448	-1.354	0.661	0.483
-1.283	1.166	0.414	-1.558	0.847	0.448	-1.238	1.225	0.483
-1.488	0.615	0.414	-1.566	0.818	0.448	-1.396	1.098	0.483
-1.458	0.605	0.414	-1.473	0.996	0.448	-1.552	0.859	0.483
-1.222	1.207	0.414	-1.534	0.685	0.448	-1.558	0.783	0.483
-1.516	0.628	0.414	-1.400	1.078	0.448	-1.316	0.657	0.483
-1.579	0.701	0.414	-1.569	0.742	0.448	-1.391	0.666	0.483
-1.362	0.586	0.414	-1.318	1.152	0.448	-1.441	1.050	0.483
-1.562	0.837	0.414	-1.323	0.620	0.448	-1.516	0.943	0.483
-1.241	0.572	0.414	-1.571	0.788	0.448	-1.464	0.687	0.483
-1.340	1.120	0.414	-1.533	0.904	0.448	-1.497	0.704	0.483
-1.550	0.865	0.414	-1.505	0.951	0.448	-1.552	0.761	0.483
-1.330	0.582	0.414	-1.438	1.038	0.448	-1.543	0.888	0.483
-1.458	1.003	0.414	-1.471	0.649	0.448	-1.541	0.742	0.483
-1.394	0.591	0.414	-1.232	0.612	0.448	-1.428	0.675	0.483
-1.492	0.959	0.414	-1.546	0.876	0.448	-1.526	0.726	0.483
-1.426	0.598	0.414	-1.562	0.720	0.448	-1.560	0.806	0.483
-1.584	0.748	0.414	-1.504	0.665	0.448	-1.224	0.653	0.483
-1.571	0.680	0.414	-1.361	0.624	0.448	-1.531	0.916	0.483
-1.421	1.044	0.414	-1.360	1.116	0.448	-0.887	0.617	0.483
-1.523	0.913	0.414	-1.134	1.268	0.448	-0.829	1.371	0.483
-1.558	0.661	0.414	-0.820	0.547	0.448	-1.110	1.294	0.483
-1.024	1.303	0.414	-0.854	1.357	0.448	-0.973	1.343	0.483
-1.159	1.243	0.414	-1.060	0.597	0.448	-1.132	0.648	0.483
-1.093	1.275	0.414	-0.899	0.568	0.448	-1.050	0.642	0.483
-1.151	0.562	0.414	-1.141	0.605	0.448	-0.807	0.597	0.483
-0.807	1.354	0.414	-0.927	1.342	0.448	-1.043	1.321	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.880	1.343	0.414	-1.198	1.234	0.448	-0.968	0.632	0.483
-1.043	0.547	0.414	-1.068	1.298	0.448	-1.175	1.262	0.483
-0.833	0.498	0.414	-0.998	1.323	0.448	-0.902	1.360	0.483
-0.953	1.325	0.414	-0.781	1.365	0.448	-0.073	1.159	0.483
-0.937	0.526	0.414	-0.979	0.585	0.448	0.006	1.102	0.483
-0.545	0.386	0.414	-0.442	0.382	0.448	-0.480	0.457	0.483
0.094	-0.075	0.414	-0.080	0.118	0.448	0.013	0.067	0.483
-0.733	1.360	0.414	0.071	1.054	0.448	-0.756	1.377	0.483
-0.587	1.354	0.414	-0.635	1.366	0.448	-0.313	1.292	0.483
-0.233	1.250	0.414	0.009	0.036	0.448	0.081	1.041	0.483
0.005	0.007	0.414	0.096	-0.049	0.448	0.153	0.976	0.483
0.058	1.069	0.414	-0.355	0.328	0.448	-0.682	1.377	0.483
0.132	1.008	0.414	-0.173	0.196	0.448	-0.559	0.499	0.483
-0.515	1.344	0.414	-0.563	1.357	0.448	-0.150	1.209	0.483
-0.086	0.086	0.414	-0.086	1.169	0.448	-0.722	0.569	0.483
-0.166	1.217	0.414	-0.626	0.476	0.448	-0.610	1.371	0.483
-0.279	0.231	0.414	0.144	0.991	0.448	-0.166	0.233	0.483
-0.443	1.328	0.414	-0.006	1.114	0.448	-0.639	0.536	0.483
-0.181	0.161	0.414	-0.532	0.432	0.448	-0.405	0.411	0.483
-0.735	0.466	0.414	-0.421	1.326	0.448	0.097	-0.021	0.483
-0.365	0.287	0.414	-0.491	1.344	0.448	-0.331	0.362	0.483
-0.660	1.360	0.414	-0.722	0.515	0.448	-0.260	0.309	0.483
-0.639	0.429	0.414	-0.165	1.217	0.448	-0.468	1.345	0.483
-0.101	1.179	0.414	-0.333	1.296	0.448	-0.539	1.360	0.483
-0.371	1.307	0.414	-0.270	0.270	0.448	-0.399	1.324	0.483
-0.301	1.281	0.414	-0.707	1.368	0.448	-0.075	0.151	0.483
-0.020	1.126	0.414	-0.248	1.260	0.448	-0.230	1.253	0.483
-0.454	0.339	0.414	0.439	-0.438	0.448	0.538	-0.558	0.483
0.717	0.309	0.414	0.546	-0.574	0.448	0.885	-1.037	0.483
0.884	0.032	0.414	0.932	-1.094	0.448	0.962	-1.145	0.483
1.100	-1.312	0.414	0.876	0.010	0.448	0.882	-0.036	0.483
0.802	0.172	0.414	0.967	-0.157	0.448	0.325	-0.284	0.483
0.627	0.443	0.414	0.703	0.303	0.448	1.084	-0.429	0.483
0.809	-0.919	0.414	0.845	-0.974	0.448	0.929	-0.123	0.483
0.456	0.671	0.414	0.752	-0.847	0.448	0.641	-0.697	0.483
0.533	0.573	0.414	1.037	-1.239	0.448	0.222	0.909	0.483
1.109	-0.396	0.414	0.215	0.925	0.448	0.697	0.284	0.483
0.390	-0.390	0.414	1.054	-0.327	0.448	1.086	-1.319	0.483
1.036	-0.252	0.414	0.215	-0.175	0.448	0.617	0.409	0.483
0.572	-0.611	0.414	1.093	-0.405	0.448	0.743	-0.838	0.483
0.204	0.943	0.414	0.444	0.669	0.448	0.288	0.838	0.483
0.661	-0.724	0.414	0.535	0.550	0.448	0.533	0.531	0.483
0.292	0.857	0.414	0.349	0.783	0.448	0.834	0.051	0.483
0.954	-1.115	0.414	0.621	0.428	0.448	0.985	-0.231	0.483
0.961	-0.109	0.414	0.283	0.855	0.448	0.773	0.157	0.483
1.022	-1.207	0.414	1.138	-0.498	0.448	0.445	0.650	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.196	-0.177	0.414	1.143	-1.384	0.448	0.213	-0.151	0.483
0.376	0.766	0.414	0.781	0.176	0.448	1.024	-1.232	0.483
0.482	-0.499	0.414	0.651	-0.711	0.448	0.433	-0.420	0.483
0.294	-0.282	0.414	0.329	-0.305	0.448	0.833	-0.964	0.483
1.425	-1.083	0.414	1.376	-1.019	0.448	1.122	-0.508	0.483
1.524	-1.314	0.414	1.437	-1.160	0.448	0.352	0.766	0.483
1.369	-0.957	0.414	1.251	-0.741	0.448	1.040	-0.341	0.483
1.393	-1.703	0.414	1.345	-0.948	0.448	1.428	-1.185	0.483
1.318	-1.603	0.414	1.457	-1.811	0.448	1.235	-0.750	0.483
1.479	-1.209	0.414	1.376	-1.701	0.448	1.492	-1.336	0.483
1.218	-0.623	0.414	1.296	-1.591	0.448	1.361	-1.032	0.483
1.323	-0.852	0.414	1.231	-1.503	0.448	1.280	-1.588	0.483
1.156	-0.492	0.414	1.508	-1.325	0.448	1.502	-1.899	0.483
1.246	-1.507	0.414	1.182	-0.592	0.448	1.548	-1.469	0.483
1.468	-1.803	0.414	1.298	-0.845	0.448	1.216	-1.499	0.483
1.178	-1.416	0.414	1.219	-0.671	0.448	1.360	-1.699	0.483
1.538	-1.899	0.414	1.520	-1.899	0.448	1.163	-1.426	0.483
1.278	-0.754	0.414	1.819	-2.233	0.448	1.179	-0.629	0.483
1.870	-2.187	0.414	1.742	-2.216	0.448	1.439	-1.810	0.483
1.751	-2.197	0.414	1.844	-2.208	0.448	1.271	-0.830	0.483
1.860	-2.132	0.414	1.592	-1.999	0.448	1.749	-2.240	0.483
1.766	-1.898	0.414	1.825	-2.098	0.448	1.721	-2.220	0.483
1.676	-1.676	0.414	1.663	-2.099	0.448	1.766	-2.244	0.483
1.824	-2.234	0.414	1.786	-2.240	0.448	1.807	-2.104	0.483
1.813	-2.014	0.414	1.731	-2.201	0.448	1.621	-1.643	0.483
1.719	-1.781	0.414	1.578	-1.491	0.448	1.692	-1.817	0.483
1.840	-2.229	0.414	1.770	-2.236	0.448	1.813	-2.227	0.483
1.622	-1.547	0.414	1.794	-2.020	0.448	1.777	-2.027	0.483
1.729	-2.164	0.414	1.736	-1.874	0.448	1.573	-2.000	0.483
1.683	-2.097	0.414	1.637	-1.634	0.448	1.734	-2.232	0.483
1.762	-2.212	0.414	1.833	-2.118	0.448	1.823	-2.143	0.483
1.864	-2.203	0.414	1.841	-2.137	0.448	1.799	-2.237	0.483
1.707	-2.130	0.414	1.803	-2.239	0.448	1.831	-2.197	0.483
1.790	-2.232	0.414	1.687	-2.133	0.448	1.689	-2.171	0.483
1.775	-2.224	0.414	1.848	-2.156	0.448	1.666	-2.136	0.483
1.867	-2.151	0.414	1.852	-2.174	0.448	1.833	-2.179	0.483
1.611	-1.998	0.414	1.709	-2.167	0.448	1.783	-2.243	0.483
1.807	-2.236	0.414	1.851	-2.191	0.448	1.824	-2.213	0.483
1.854	-2.218	0.414	1.701	-1.789	0.448	1.746	-1.950	0.483
1.568	-1.418	0.414	1.833	-2.222	0.448	1.643	-2.102	0.483
1.844	-2.093	0.414	1.666	-1.704	0.448	1.830	-2.161	0.483
1.828	-2.053	0.414	1.755	-2.228	0.448	1.815	-2.124	0.483
1.871	-2.169	0.414	1.764	-1.943	0.448	1.710	-2.205	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	0.646	0.517	-1.409	1.127	0.552	-1.521	0.954	0.586
-0.876	0.665	0.517	-1.522	0.825	0.552	-1.120	1.354	0.586
-0.732	1.389	0.517	-1.339	0.736	0.552	-1.246	1.289	0.586
-1.329	1.178	0.517	-0.784	0.694	0.552	-0.773	0.741	0.586
-1.347	0.698	0.517	-1.261	1.252	0.552	-1.520	0.886	0.586
-1.123	0.691	0.517	-1.208	0.733	0.552	-0.697	0.718	0.586
-1.217	1.256	0.517	-1.523	0.951	0.552	-1.511	0.866	0.586
-1.536	0.909	0.517	-1.508	0.807	0.552	-1.300	1.252	0.586
-1.154	1.291	0.517	-1.200	1.290	0.552	-1.438	0.804	0.586
-0.950	1.364	0.517	-0.698	0.667	0.552	-1.524	0.931	0.586
-1.548	0.825	0.517	-1.115	0.733	0.552	-1.470	0.824	0.586
-1.216	0.693	0.517	-1.480	0.783	0.552	-0.841	1.420	0.586
-0.806	1.386	0.517	-1.532	0.844	0.552	-1.476	1.065	0.586
-1.278	1.217	0.517	-1.537	0.889	0.552	-1.403	0.790	0.586
-0.958	0.679	0.517	-0.713	1.404	0.552	-1.367	0.781	0.586
-1.021	1.345	0.517	-1.069	1.349	0.552	-0.768	1.423	0.586
-1.456	0.725	0.517	-0.858	1.398	0.552	-1.022	0.775	0.586
-1.532	0.783	0.517	-1.536	0.866	0.552	-1.511	0.992	0.586
-1.308	0.695	0.517	-1.363	1.172	0.552	-1.350	1.211	0.586
-1.424	1.088	0.517	-1.534	0.912	0.552	-1.524	0.908	0.586
-1.378	1.134	0.517	-1.313	1.214	0.552	-1.396	1.167	0.586
-0.878	1.378	0.517	-1.451	1.077	0.552	-1.329	0.776	0.586
-1.384	0.703	0.517	-0.930	1.387	0.552	-1.185	1.324	0.586
-1.501	0.983	0.517	-1.507	0.988	0.552	-0.913	1.412	0.586
-1.040	0.687	0.517	-1.031	0.732	0.552	-1.105	0.776	0.586
-1.089	1.320	0.517	-1.376	0.741	0.552	-1.439	1.118	0.586
-1.549	0.848	0.517	-1.413	0.751	0.552	-0.984	1.398	0.586
-0.709	0.618	0.517	-0.948	0.725	0.552	-1.053	1.379	0.586
-1.521	0.947	0.517	-1.136	1.322	0.552	-1.495	1.029	0.586
-1.465	1.037	0.517	-0.785	1.404	0.552	-0.856	0.759	0.586
-1.517	0.766	0.517	-1.300	0.734	0.552	-1.198	0.774	0.586
-1.421	0.712	0.517	-1.488	1.023	0.552	-1.291	0.774	0.586
-1.542	0.803	0.517	-1.448	0.764	0.552	-0.939	0.770	0.586
-1.489	0.743	0.517	-1.001	1.371	0.552	-1.497	0.848	0.586
-1.546	0.871	0.517	-0.866	0.713	0.552	-0.245	1.276	0.586
-0.626	0.585	0.517	-0.404	1.341	0.552	-0.483	0.616	0.586
-0.578	1.376	0.517	-0.065	0.217	0.552	-0.060	0.248	0.586
-0.420	1.338	0.517	-0.640	1.398	0.552	-0.623	0.689	0.586
-0.270	1.276	0.517	-0.560	1.385	0.552	-0.551	0.655	0.586
-0.546	0.546	0.517	-0.118	1.191	0.552	-0.696	1.420	0.586
-0.198	1.239	0.517	-0.242	0.387	0.552	-0.176	1.234	0.586
-0.128	1.196	0.517	-0.382	0.498	0.552	-0.144	0.339	0.586
-0.498	1.360	0.517	-0.328	1.310	0.552	0.098	0.059	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.070	0.184	0.517	-0.534	0.593	0.552	0.125	0.986	0.586
0.089	1.029	0.517	0.018	0.126	0.552	-0.110	1.189	0.586
-0.468	0.503	0.517	-0.151	0.304	0.552	0.042	1.065	0.586
-0.321	0.404	0.517	0.037	1.071	0.552	-0.466	1.373	0.586
-0.251	0.349	0.517	-0.186	1.235	0.552	-0.316	1.313	0.586
0.098	0.006	0.517	0.098	0.033	0.552	-0.292	0.477	0.586
-0.344	1.310	0.517	-0.481	1.366	0.552	-0.417	0.573	0.586
-0.393	0.455	0.517	0.122	0.993	0.552	-0.233	0.425	0.586
-0.659	1.386	0.517	-0.456	0.548	0.552	-0.353	0.526	0.586
-0.061	1.150	0.517	-0.614	0.633	0.552	-0.623	1.411	0.586
0.159	0.963	0.517	-0.052	1.144	0.552	0.021	0.155	0.586
0.016	0.097	0.517	-0.311	0.445	0.552	-0.544	1.395	0.586
-0.158	0.269	0.517	-0.256	1.275	0.552	-0.390	1.346	0.586
0.015	1.092	0.517	0.918	-1.101	0.552	-0.045	1.140	0.586
0.320	-0.263	0.517	0.203	0.911	0.552	0.520	0.490	0.586
0.872	-0.052	0.517	0.862	-0.065	0.552	0.674	0.242	0.586
0.292	0.823	0.517	0.353	0.737	0.552	0.412	-0.366	0.586
0.211	-0.127	0.517	0.606	0.378	0.552	0.204	0.903	0.586
0.822	-0.953	0.517	0.209	-0.103	0.552	0.599	0.367	0.586
0.912	-1.082	0.517	0.700	-0.783	0.552	0.747	0.116	0.586
0.444	0.634	0.517	0.280	0.825	0.552	0.512	-0.510	0.586
0.974	-0.247	0.517	0.526	0.500	0.552	0.899	-1.084	0.586
0.530	0.514	0.517	0.917	-0.171	0.552	0.988	-0.344	0.586
0.727	-0.818	0.517	0.419	-0.384	0.552	0.851	-0.075	0.586
0.863	-1.012	0.517	0.810	-0.942	0.552	0.695	-0.779	0.586
0.426	-0.402	0.517	0.962	-0.259	0.552	0.951	-0.269	0.586
0.354	0.750	0.517	0.621	-0.669	0.552	0.438	0.610	0.586
0.227	0.894	0.517	0.521	-0.526	0.552	0.279	0.816	0.586
0.612	0.391	0.517	0.683	0.253	0.552	0.310	-0.222	0.586
0.690	0.267	0.517	0.805	0.040	0.552	0.797	-0.931	0.586
0.812	0.058	0.517	0.756	0.126	0.552	0.206	-0.081	0.586
0.632	-0.683	0.517	0.442	0.620	0.552	0.983	-1.208	0.586
0.765	0.140	0.517	0.315	-0.243	0.552	0.351	0.727	0.586
0.530	-0.542	0.517	0.997	-1.216	0.552	0.611	-0.655	0.586
0.931	-0.163	0.517	1.115	-0.574	0.552	1.169	-1.484	0.586
1.208	-0.735	0.517	1.331	-1.053	0.552	1.309	-1.691	0.586
1.201	-1.494	0.517	1.374	-1.153	0.552	1.046	-0.465	0.586
1.071	-0.444	0.517	1.326	-1.694	0.552	1.103	-0.586	0.586
1.110	-1.365	0.517	1.152	-0.654	0.552	1.067	-1.334	0.586
1.343	-1.696	0.517	1.198	-0.755	0.552	1.281	-0.984	0.586
1.121	-0.548	0.517	1.059	-0.456	0.552	1.173	-0.738	0.586
1.305	-0.950	0.517	1.185	-1.489	0.552	1.234	-1.581	0.586
1.272	-1.595	0.517	1.398	-1.799	0.552	1.138	-0.662	0.586
1.021	-0.341	0.517	1.286	-0.951	0.552	1.315	-1.061	0.586
1.010	-1.224	0.517	1.242	-0.853	0.552	1.383	-1.802	0.586
1.257	-0.843	0.517	1.001	-0.338	0.552	1.381	-1.215	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.159	-1.435	0.517	1.089	-1.350	0.552	1.227	-0.861	0.586
1.165	-0.643	0.517	1.254	-1.589	0.552	1.753	-2.238	0.586
1.346	-1.044	0.517	1.505	-1.462	0.552	1.692	-1.966	0.586
1.793	-2.231	0.517	1.626	-2.142	0.552	1.552	-2.061	0.586
1.414	-1.797	0.517	1.784	-2.221	0.552	1.518	-1.542	0.586
1.646	-2.140	0.517	1.785	-2.152	0.552	1.627	-2.180	0.586
1.713	-2.236	0.517	1.770	-2.114	0.552	1.478	-1.946	0.586
1.728	-2.244	0.517	1.534	-2.003	0.552	1.722	-2.042	0.586
1.532	-1.479	0.517	1.792	-2.170	0.552	1.764	-2.224	0.586
1.675	-1.823	0.517	1.791	-2.205	0.552	1.443	-1.361	0.586
1.804	-2.217	0.517	1.741	-2.038	0.552	1.775	-2.191	0.586
1.729	-1.956	0.517	1.668	-2.212	0.552	1.751	-2.118	0.586
1.484	-1.899	0.517	1.546	-1.560	0.552	1.583	-2.109	0.586
1.804	-2.147	0.517	1.794	-2.188	0.552	1.654	-1.872	0.586
1.811	-2.166	0.517	1.420	-1.261	0.552	1.759	-2.137	0.586
1.554	-2.001	0.517	1.460	-1.355	0.552	1.766	-2.155	0.586
1.689	-2.209	0.517	1.710	-1.961	0.552	1.618	-1.784	0.586
1.477	-1.347	0.517	1.586	-1.658	0.552	1.659	-2.230	0.586
1.623	-2.105	0.517	1.680	-2.227	0.552	1.739	-2.248	0.586
1.811	-2.201	0.517	1.627	-1.756	0.552	1.515	-2.004	0.586
1.407	-1.183	0.517	1.778	-2.133	0.552	1.648	-2.215	0.586
1.700	-2.224	0.517	1.758	-2.245	0.552	1.447	-1.899	0.586
1.604	-1.651	0.517	1.465	-1.899	0.552	1.688	-2.251	0.586
1.789	-2.110	0.517	1.742	-2.250	0.552	1.705	-2.254	0.586
1.759	-2.033	0.517	1.603	-2.107	0.552	1.672	-2.242	0.586
1.762	-2.247	0.517	1.648	-2.177	0.552	1.772	-2.208	0.586
1.797	-2.129	0.517	1.667	-1.854	0.552	1.722	-2.253	0.586
1.814	-2.184	0.517	1.708	-2.248	0.552	1.482	-1.455	0.586
1.668	-2.174	0.517	1.693	-2.239	0.552	1.772	-2.173	0.586
1.779	-2.241	0.517	1.725	-2.251	0.552	1.606	-2.144	0.586
1.745	-2.248	0.517	1.773	-2.235	0.552	1.568	-1.663	0.586
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.038	1.409	0.621	-1.390	1.233	0.655	-1.438	0.950	0.690
-0.898	1.437	0.621	-1.093	1.420	0.655	-1.475	0.995	0.690
-1.463	0.868	0.621	-1.499	0.992	0.655	-0.980	0.907	0.690
-1.345	0.820	0.621	-1.299	0.858	0.655	-0.943	1.483	0.690
-1.485	0.889	0.621	-0.812	1.466	0.655	-1.147	1.430	0.690
-1.436	0.850	0.621	-1.494	0.969	0.655	-1.477	1.117	0.690
-0.844	0.804	0.621	-1.473	0.931	0.655	-1.487	1.050	0.690
-1.362	1.230	0.621	-1.173	0.859	0.655	-0.728	1.483	0.690
-0.969	1.426	0.621	-1.451	0.909	0.655	-0.811	0.892	0.690
-1.106	1.387	0.621	-1.473	1.113	0.655	-1.484	1.022	0.690
-0.761	0.787	0.621	-1.352	1.270	0.655	-1.445	1.190	0.690
-1.234	1.326	0.621	-1.159	1.395	0.655	-1.211	1.400	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.512	0.950	0.621	-0.956	1.455	0.655	-1.415	1.234	0.690
-1.509	0.996	0.621	-0.884	1.463	0.655	-1.463	1.154	0.690
-1.484	1.071	0.621	-1.395	0.878	0.655	-0.872	1.489	0.690
-1.407	0.836	0.621	-1.311	1.304	0.655	-1.381	1.274	0.690
-0.927	0.814	0.621	-1.025	1.440	0.655	-1.412	0.933	0.690
-1.313	0.816	0.621	-1.080	0.862	0.655	-1.342	1.311	0.690
-1.400	1.192	0.621	-1.500	1.014	0.655	-1.251	0.902	0.690
-1.187	0.816	0.621	-1.222	1.363	0.655	-1.382	0.920	0.690
-1.279	0.815	0.621	-1.455	1.148	0.655	-1.301	1.344	0.690
-1.435	1.150	0.621	-1.364	0.868	0.655	-0.800	1.489	0.690
-1.498	0.908	0.621	-1.268	1.335	0.655	-1.081	1.454	0.690
-1.279	1.297	0.621	-0.913	0.858	0.655	-1.460	0.972	0.690
-0.826	1.443	0.621	-1.425	1.192	0.655	-1.257	1.374	0.690
-1.094	0.818	0.621	-1.486	0.949	0.655	-0.895	0.903	0.690
-1.377	0.826	0.621	-1.266	0.857	0.655	-1.318	0.905	0.690
-1.507	0.928	0.621	-1.488	1.076	0.655	-1.064	0.907	0.690
-1.322	1.265	0.621	-0.829	0.848	0.655	-1.158	0.904	0.690
-1.171	1.359	0.621	-1.332	0.862	0.655	-1.486	1.079	0.690
-1.512	0.973	0.621	-1.424	0.891	0.655	-0.728	0.874	0.690
-1.011	0.819	0.621	-0.996	0.862	0.655	-1.285	0.903	0.690
-0.753	1.443	0.621	-0.746	0.831	0.655	-1.013	1.471	0.690
-1.465	1.106	0.621	-1.497	1.038	0.655	-1.351	0.911	0.690
-1.499	1.034	0.621	-0.740	1.463	0.655	0.044	1.056	0.690
-0.041	1.137	0.621	-0.300	1.323	0.655	-0.408	0.714	0.690
-0.237	1.278	0.621	0.045	1.059	0.655	-0.587	1.456	0.690
-0.363	0.583	0.621	-0.129	0.401	0.655	-0.364	1.367	0.690
-0.531	1.407	0.621	-0.520	1.419	0.655	-0.294	1.328	0.690
-0.610	1.426	0.621	-0.231	1.281	0.655	-0.436	1.402	0.690
-0.454	1.382	0.621	-0.214	0.493	0.655	-0.121	0.430	0.690
-0.560	0.711	0.621	0.100	0.107	0.655	0.102	0.129	0.690
-0.307	1.317	0.621	-0.039	1.136	0.655	-0.336	0.655	0.690
-0.224	0.460	0.621	-0.677	0.810	0.655	0.122	0.973	0.690
-0.498	0.676	0.621	-0.371	1.360	0.655	-0.528	0.793	0.690
-0.438	0.638	0.621	-0.669	1.455	0.655	-0.203	0.524	0.690
-0.292	0.523	0.621	0.026	0.207	0.655	-0.227	1.284	0.690
0.099	0.084	0.621	-0.350	0.620	0.655	-0.659	0.853	0.690
-0.104	1.187	0.621	-0.598	1.441	0.655	-0.657	1.472	0.690
-0.137	0.371	0.621	0.124	0.977	0.655	-0.044	0.332	0.690
-0.055	0.278	0.621	-0.445	1.392	0.655	-0.038	1.135	0.690
0.125	0.981	0.621	-0.483	0.717	0.655	-0.267	0.592	0.690
0.023	0.182	0.621	-0.280	0.559	0.655	-0.467	0.756	0.690
-0.681	1.437	0.621	-0.050	0.305	0.655	-0.162	1.238	0.690
-0.169	1.234	0.621	-0.610	0.784	0.655	-0.099	1.188	0.690
-0.625	0.741	0.621	-0.165	1.236	0.655	0.030	0.231	0.690
0.044	1.061	0.621	-0.545	0.753	0.655	-0.592	0.826	0.690
-0.692	0.766	0.621	-0.101	1.188	0.655	-0.511	1.432	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.380	1.352	0.621	-0.424	0.677	0.655	0.647	0.221	0.690
0.666	0.234	0.621	0.506	0.475	0.655	0.347	-0.242	0.690
0.513	0.482	0.621	0.273	0.804	0.655	0.498	0.469	0.690
0.543	-0.555	0.621	0.864	-1.053	0.655	0.419	0.590	0.690
0.841	-0.083	0.621	0.657	0.227	0.655	0.466	-0.430	0.690
0.432	0.602	0.621	0.829	-0.090	0.655	0.268	0.799	0.690
0.979	-1.216	0.621	0.966	-1.212	0.655	0.738	-0.865	0.690
0.591	0.359	0.621	0.762	-0.895	0.655	0.336	0.708	0.690
0.738	0.108	0.621	0.200	0.892	0.655	0.574	0.346	0.690
0.229	-0.095	0.621	0.592	-0.630	0.655	0.196	0.887	0.690
0.277	0.809	0.621	0.342	0.714	0.655	0.226	-0.056	0.690
0.601	-0.642	0.621	0.678	-0.764	0.655	0.818	-0.096	0.690
0.981	-0.362	0.621	0.426	0.596	0.655	0.914	-0.289	0.690
0.355	-0.276	0.621	0.351	-0.259	0.655	0.673	-0.760	0.690
0.347	0.720	0.621	0.927	-0.283	0.655	0.584	-0.618	0.690
0.939	-0.276	0.621	0.227	-0.075	0.655	0.717	0.095	0.690
0.877	-1.061	0.621	0.583	0.352	0.655	0.851	-1.046	0.690
0.479	-0.458	0.621	0.965	-0.363	0.655	0.952	-0.369	0.690
0.678	-0.758	0.621	0.472	-0.444	0.655	0.965	-1.227	0.690
0.203	0.897	0.621	0.728	0.101	0.655	1.228	-0.990	0.690
0.775	-0.906	0.621	1.339	-1.207	0.655	1.121	-1.474	0.690
1.426	-1.367	0.621	1.197	-0.873	0.655	1.390	-1.900	0.690
1.607	-2.182	0.621	1.137	-1.477	0.655	1.316	-1.198	0.690
1.752	-2.211	0.621	1.273	-1.688	0.655	1.318	-1.786	0.690
1.076	-1.363	0.621	1.142	-0.747	0.655	1.390	-1.377	0.690
1.702	-2.256	0.621	1.050	-1.342	0.655	1.181	-0.879	0.690
1.500	-1.547	0.621	1.110	-0.675	0.655	1.061	-1.380	0.690
1.586	-2.146	0.621	1.198	-1.571	0.655	1.247	-1.674	0.690
1.719	-2.251	0.621	1.348	-1.805	0.655	1.354	-1.289	0.690
1.600	-1.789	0.621	1.020	-0.478	0.655	1.180	-1.568	0.690
1.745	-2.227	0.621	1.073	-0.593	0.655	1.059	-0.600	0.690
1.427	-1.899	0.621	1.251	-1.000	0.655	1.006	-0.484	0.690
1.550	-1.668	0.621	1.282	-1.073	0.655	1.095	-0.681	0.690
1.262	-0.983	0.621	1.616	-1.881	0.655	1.133	-0.769	0.690
1.212	-0.868	0.621	1.648	-2.256	0.655	1.266	-1.078	0.690
1.733	-2.241	0.621	1.476	-2.006	0.655	1.714	-2.183	0.690
1.563	-2.111	0.621	1.734	-2.179	0.655	1.513	-1.677	0.690
1.153	-1.480	0.621	1.733	-2.214	0.655	1.680	-2.257	0.690
1.219	-1.581	0.621	1.620	-2.235	0.655	1.524	-2.115	0.690
1.389	-1.280	0.621	1.654	-1.973	0.655	1.600	-2.238	0.690
1.634	-1.875	0.621	1.408	-1.372	0.655	1.589	-2.222	0.690
1.084	-0.582	0.621	1.608	-2.219	0.655	1.469	-2.026	0.690
1.740	-2.140	0.621	1.588	-2.184	0.655	1.663	-2.262	0.690
1.299	-1.067	0.621	1.484	-1.557	0.655	1.694	-2.128	0.690
1.495	-2.005	0.621	1.408	-1.900	0.655	1.706	-2.233	0.690
1.162	-0.753	0.621	1.699	-2.253	0.655	1.708	-2.165	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.652	-2.245	0.621	1.725	-2.230	0.655	1.716	-2.200	0.690
1.352	-1.192	0.621	1.633	-2.248	0.655	1.500	-2.076	0.690
1.362	-1.799	0.621	1.665	-2.260	0.655	1.613	-2.251	0.690
1.465	-1.462	0.621	1.446	-1.464	0.655	1.432	-1.969	0.690
1.628	-2.217	0.621	1.720	-2.143	0.655	1.568	-2.187	0.690
1.732	-2.121	0.621	1.683	-2.259	0.655	1.445	-1.510	0.690
1.755	-2.194	0.621	1.695	-2.078	0.655	1.713	-2.218	0.690
1.753	-2.176	0.621	1.676	-2.030	0.655	1.646	-2.263	0.690
1.747	-2.158	0.621	1.532	-1.672	0.655	1.667	-2.059	0.690
1.668	-2.253	0.621	1.728	-2.162	0.655	1.701	-2.147	0.690
1.673	-1.969	0.621	1.544	-2.113	0.655	1.628	-2.259	0.690
1.291	-1.690	0.621	1.736	-2.197	0.655	1.635	-1.977	0.690
1.124	-0.669	0.621	1.579	-1.788	0.655	1.547	-2.151	0.690
1.033	-0.472	0.621	1.714	-2.243	0.655	1.602	-1.896	0.690
1.639	-2.233	0.621	1.566	-2.148	0.655	1.556	-1.783	0.690
1.685	-2.257	0.621	1.713	-2.124	0.655	1.694	-2.247	0.690
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.135	1.464	0.724	-0.828	0.994	0.759	-1.359	1.384	0.793
-0.716	1.502	0.724	-1.420	1.036	0.759	-1.170	1.506	0.793
-0.844	0.946	0.724	-1.436	1.053	0.759	-1.289	1.441	0.793
-1.471	1.063	0.724	-1.222	0.998	0.759	-1.258	1.046	0.793
-1.246	1.412	0.724	-1.461	1.116	0.759	-1.450	1.204	0.793
-1.448	1.012	0.724	-1.400	1.022	0.759	-0.756	1.547	0.793
-1.436	1.231	0.724	-0.761	0.981	0.759	-1.432	1.279	0.793
-1.305	0.951	0.724	-1.327	1.001	0.759	-1.162	1.051	0.793
-1.290	1.383	0.724	-1.265	1.429	0.759	-1.409	1.077	0.793
-1.467	1.159	0.724	-0.380	0.788	0.759	-1.389	1.350	0.793
-0.912	0.953	0.724	0.040	1.044	0.759	-1.037	1.546	0.793
-1.431	0.995	0.724	-0.244	0.658	0.759	-1.445	1.242	0.793
-1.047	0.955	0.724	-0.030	0.386	0.759	-1.451	1.181	0.793
-1.411	0.981	0.724	-0.491	1.449	0.759	-0.756	1.029	0.793
-0.787	1.510	0.724	-0.632	1.501	0.759	-1.436	1.114	0.793
-1.332	1.351	0.724	-1.054	1.517	0.759	-1.449	1.158	0.793
-0.930	1.510	0.724	-0.096	1.181	0.759	-0.832	1.045	0.793
-0.777	0.934	0.724	-0.310	0.725	0.759	-1.251	1.466	0.793
-1.199	1.437	0.724	-0.283	1.331	0.759	-0.987	1.057	0.793
-1.271	0.949	0.724	-1.352	1.005	0.759	-1.415	1.313	0.793
-1.236	0.949	0.724	-1.462	1.162	0.759	-0.898	1.559	0.793
-1.389	0.970	0.724	-0.843	1.536	0.759	-1.105	1.529	0.793
-0.980	0.955	0.724	-0.772	1.530	0.759	-0.910	1.054	0.793
-1.475	1.091	0.724	-0.156	1.234	0.759	-1.366	1.055	0.793
-1.142	0.952	0.724	-0.104	0.489	0.759	-1.325	1.414	0.793
-1.339	0.956	0.724	-1.032	1.006	0.759	-1.425	1.094	0.793
-1.454	1.196	0.724	-0.038	1.126	0.759	-1.444	1.136	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.000	1.501	0.724	-0.437	0.832	0.759	-1.300	1.046	0.793
-1.462	1.036	0.724	-1.338	1.375	0.759	-1.341	1.050	0.793
-0.711	0.918	0.724	-0.985	1.529	0.759	-1.389	1.064	0.793
-1.371	1.315	0.724	-0.565	1.479	0.759	-1.065	1.056	0.793
-1.068	1.486	0.724	-1.303	1.403	0.759	-0.826	1.556	0.793
-1.474	1.120	0.724	-0.702	1.518	0.759	-0.968	1.556	0.793
-0.858	1.513	0.724	-0.915	1.536	0.759	-1.212	1.488	0.793
-1.365	0.962	0.724	-0.419	1.414	0.759	-0.547	0.949	0.793
-1.406	1.275	0.724	-1.443	1.237	0.759	-0.170	1.242	0.793
-0.192	0.555	0.724	-0.182	0.587	0.759	0.038	1.034	0.793
-0.038	1.132	0.724	-0.896	1.002	0.759	-0.038	1.117	0.793
-0.289	1.331	0.724	-0.218	1.284	0.759	-0.234	0.690	0.793
-0.037	0.359	0.724	-1.128	1.002	0.759	-0.390	1.404	0.793
0.105	0.152	0.724	-1.377	1.012	0.759	-0.299	0.758	0.793
-0.393	0.751	0.724	-0.350	1.374	0.759	-0.680	1.007	0.793
-0.642	0.895	0.724	0.041	0.282	0.759	-0.618	1.512	0.793
-0.223	1.286	0.724	-1.371	1.344	0.759	-0.425	0.869	0.793
-0.501	1.442	0.724	-1.448	1.072	0.759	-0.173	0.618	0.793
0.118	0.968	0.724	-1.186	1.472	0.759	0.046	0.308	0.793
-0.357	1.372	0.724	-1.426	1.272	0.759	-0.686	1.532	0.793
-0.645	1.488	0.724	-1.401	1.309	0.759	-0.096	0.517	0.793
-0.159	1.237	0.724	-1.226	1.452	0.759	-0.484	0.911	0.793
-0.112	0.459	0.724	-0.560	0.909	0.759	-0.469	1.448	0.793
-0.451	0.794	0.724	-1.456	1.093	0.759	0.114	0.201	0.793
-0.255	0.625	0.724	-1.463	1.139	0.759	-0.240	1.300	0.793
0.042	1.052	0.724	-0.964	1.006	0.759	0.111	0.948	0.793
-0.428	1.409	0.724	-0.695	0.963	0.759	-0.103	1.181	0.793
-0.576	1.469	0.724	-0.497	0.873	0.759	-0.552	1.487	0.793
-0.322	0.690	0.724	-1.274	0.997	0.759	-0.369	0.823	0.793
0.035	0.256	0.724	0.109	0.177	0.759	-0.612	0.981	0.793
-0.575	0.867	0.724	-0.626	0.939	0.759	-0.023	0.414	0.793
-0.511	0.833	0.724	-1.456	1.200	0.759	-0.314	1.354	0.793
-0.098	1.186	0.724	0.115	0.959	0.759	0.506	0.374	0.793
0.329	0.701	0.724	-1.121	1.498	0.759	0.729	-0.035	0.793
0.824	-0.143	0.724	0.607	0.232	0.759	0.660	-0.743	0.793
0.865	-0.225	0.724	0.658	-0.740	0.759	0.230	0.008	0.793
0.345	-0.225	0.724	0.422	0.541	0.759	0.907	-0.400	0.793
0.949	-1.217	0.724	0.322	0.690	0.759	0.314	0.677	0.793
0.937	-0.376	0.724	0.736	-0.874	0.759	0.796	-0.169	0.793
0.577	-0.605	0.724	0.853	-0.242	0.759	0.344	-0.187	0.793
0.226	-0.035	0.724	0.989	-0.533	0.759	0.861	-0.303	0.793
0.840	-1.039	0.724	1.228	-1.696	0.759	0.734	-0.875	0.793
0.262	0.792	0.724	1.189	-0.992	0.759	0.249	0.769	0.793
0.527	0.400	0.724	1.180	-1.616	0.759	0.948	-0.491	0.793
0.461	-0.415	0.724	1.232	-1.096	0.759	0.793	-0.978	0.793
0.706	0.086	0.724	1.670	-2.179	0.759	0.595	0.218	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.395	-0.307	0.724	1.666	-2.245	0.759	0.396	-0.279	0.793
0.663	-0.748	0.724	1.419	-2.012	0.759	0.680	0.060	0.793
0.527	-0.523	0.724	1.663	-2.160	0.759	0.182	0.860	0.793
0.192	0.881	0.724	1.558	-1.892	0.759	0.904	-1.171	0.793
0.731	-0.860	0.724	1.560	-2.247	0.759	0.566	-0.578	0.793
0.619	0.244	0.724	1.508	-2.158	0.759	0.455	-0.382	0.793
0.431	0.552	0.724	1.674	-2.230	0.759	0.514	-0.486	0.793
1.105	-1.471	0.724	1.588	-2.269	0.759	0.412	0.527	0.793
1.196	-0.960	0.724	0.458	-0.398	0.759	1.219	-1.707	0.793
1.195	-1.617	0.724	1.090	-1.468	0.759	1.167	-0.991	0.793
1.017	-1.328	0.724	1.427	-1.568	0.759	1.076	-1.465	0.793
1.373	-1.384	0.724	1.656	-2.142	0.759	1.076	-0.779	0.793
1.330	-1.834	0.724	0.693	0.074	0.759	1.264	-1.223	0.793
1.007	-0.527	0.724	1.606	-2.274	0.759	1.016	-1.363	0.793
1.249	-1.086	0.724	1.623	-2.273	0.759	1.159	-1.605	0.793
1.148	-0.848	0.724	1.132	-0.858	0.759	1.286	-1.820	0.793
1.044	-0.611	0.724	1.002	-1.321	0.759	1.013	-0.634	0.793
1.268	-1.735	0.724	1.636	-2.091	0.759	1.216	-1.107	0.793
1.100	-0.737	0.724	1.074	-0.724	0.759	1.116	-0.870	0.793
1.371	-1.902	0.724	1.655	-2.258	0.759	1.540	-2.254	0.793
1.302	-1.212	0.724	1.478	-1.692	0.759	1.415	-1.590	0.793
1.412	-1.479	0.724	1.675	-2.196	0.759	1.654	-2.238	0.793
1.495	-1.684	0.724	0.517	0.388	0.759	1.336	-1.905	0.793
1.505	-2.118	0.724	1.289	-1.796	0.759	1.552	-2.267	0.793
1.609	-2.264	0.724	0.344	-0.206	0.759	1.620	-2.275	0.793
1.424	-1.988	0.724	1.677	-2.213	0.759	1.380	-1.505	0.793
1.689	-2.171	0.724	0.228	-0.014	0.759	1.339	-1.404	0.793
1.593	-2.255	0.724	1.486	-2.122	0.759	1.460	-1.702	0.793
1.626	-2.268	0.724	1.640	-2.268	0.759	1.603	-2.280	0.793
1.578	-1.889	0.724	1.549	-2.231	0.759	1.401	-2.016	0.793
1.686	-2.238	0.724	0.528	-0.518	0.759	1.645	-2.169	0.793
1.580	-2.242	0.724	1.029	-0.622	0.759	1.529	-2.237	0.793
1.675	-2.134	0.724	1.597	-1.991	0.759	1.467	-2.126	0.793
1.675	-2.252	0.724	0.829	-1.031	0.759	1.505	-1.814	0.793
1.549	-2.190	0.724	0.187	0.872	0.759	1.610	-2.078	0.793
1.697	-2.206	0.724	1.356	-1.394	0.759	1.585	-2.280	0.793
1.616	-1.983	0.724	1.284	-1.220	0.759	1.488	-2.163	0.793
1.643	-2.267	0.724	0.922	-1.188	0.759	1.646	-2.253	0.793
1.695	-2.189	0.724	1.523	-1.804	0.759	1.579	-2.000	0.793
1.527	-2.154	0.724	1.529	-2.195	0.759	1.568	-2.276	0.793
1.694	-2.223	0.724	1.354	-1.903	0.759	1.634	-2.266	0.793
1.541	-1.797	0.724	0.256	0.782	0.759	1.651	-2.187	0.793
1.645	-2.056	0.724	0.922	-0.387	0.759	1.656	-2.204	0.793
1.569	-2.226	0.724	0.571	-0.592	0.759	1.658	-2.221	0.793
1.660	-2.261	0.724	0.811	-0.155	0.759	1.509	-2.200	0.793
1.682	-2.153	0.724	1.573	-2.261	0.759	1.539	-1.899	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.449	-1.571	0.724	0.387	-0.279	0.759	1.638	-2.150	0.793
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.310	1.453	0.828	-1.387	1.399	0.862	-1.271	1.534	0.897
-0.808	1.574	0.828	-1.065	1.589	0.862	-0.725	1.141	0.897
-1.273	1.479	0.828	-1.405	1.366	0.862	-1.369	1.444	0.897
-1.432	1.285	0.828	-1.042	1.152	0.862	-1.033	1.194	0.897
-1.432	1.179	0.828	-1.269	1.140	0.862	-1.413	1.318	0.897
-1.150	1.100	0.828	-1.333	1.141	0.862	-1.412	1.295	0.897
-1.053	1.105	0.828	-1.420	1.225	0.862	-0.955	1.190	0.897
-1.364	1.101	0.828	-1.215	1.539	0.862	-1.229	1.187	0.897
-0.743	1.073	0.828	-0.858	1.599	0.862	-1.409	1.272	0.897
-1.402	1.355	0.828	-1.425	1.293	0.862	-0.835	1.614	0.897
-1.086	1.560	0.828	-1.392	1.166	0.862	-0.699	1.581	0.897
-1.152	1.540	0.828	-1.328	1.465	0.862	-1.341	1.478	0.897
-0.819	1.090	0.828	-1.355	1.145	0.862	-0.800	1.164	0.897
-1.234	1.503	0.828	-0.788	1.589	0.862	-0.903	1.622	0.897
-0.879	1.580	0.828	-1.174	1.557	0.862	-1.347	1.191	0.897
-1.342	1.096	0.828	-0.964	1.150	0.862	-1.108	1.604	0.897
-1.401	1.121	0.828	-1.375	1.154	0.862	-1.383	1.212	0.897
-0.897	1.101	0.828	-1.424	1.247	0.862	-1.411	1.340	0.897
-1.425	1.157	0.828	-1.140	1.148	0.862	-1.404	1.250	0.897
-0.948	1.580	0.828	-0.886	1.144	0.862	-1.389	1.412	0.897
-1.279	1.093	0.828	-1.301	1.139	0.862	-0.877	1.181	0.897
-1.247	1.094	0.828	-1.405	1.182	0.862	-1.294	1.184	0.897
-1.420	1.321	0.828	-1.414	1.202	0.862	-1.151	1.591	0.897
-1.415	1.137	0.828	-0.808	1.130	0.862	-1.396	1.229	0.897
-1.436	1.202	0.828	-0.927	1.602	0.862	-1.403	1.377	0.897
-0.738	1.561	0.828	-1.254	1.518	0.862	-1.192	1.575	0.897
-1.194	1.523	0.828	-1.360	1.434	0.862	-1.261	1.185	0.897
-1.438	1.247	0.828	-1.426	1.270	0.862	-1.232	1.556	0.897
-1.018	1.573	0.828	-1.237	1.142	0.862	-1.367	1.199	0.897
-1.376	1.391	0.828	-1.132	1.572	0.862	-0.766	1.601	0.897
-1.311	1.093	0.828	-1.418	1.330	0.862	-0.972	1.623	0.897
-1.438	1.224	0.828	-0.719	1.572	0.862	-1.308	1.507	0.897
-0.975	1.106	0.828	-1.292	1.493	0.862	-1.041	1.617	0.897
-1.384	1.109	0.828	-0.996	1.599	0.862	-1.132	1.192	0.897
-1.345	1.424	0.828	-0.733	1.110	0.862	-1.325	1.186	0.897
0.051	0.332	0.828	-0.659	1.083	0.862	-0.586	1.077	0.897
-0.090	0.543	0.828	-0.592	1.051	0.862	0.056	0.369	0.897
0.118	0.224	0.828	-0.466	0.973	0.862	-0.350	0.899	0.897
-0.038	1.106	0.828	-0.587	1.524	0.862	-0.218	0.759	0.897
-0.017	0.439	0.828	-0.523	1.493	0.862	-0.159	1.213	0.897
-0.166	0.645	0.828	-0.370	1.398	0.862	-0.462	0.995	0.897
-0.670	1.543	0.828	-0.038	1.094	0.862	-0.223	1.275	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.235	1.294	0.828	0.053	0.987	0.862	-0.359	1.392	0.897
-0.360	0.854	0.828	-0.013	0.460	0.862	-0.405	0.948	0.897
-0.101	1.171	0.828	-0.229	1.285	0.862	0.051	0.973	0.897
-0.474	0.945	0.828	0.121	0.243	0.862	-0.523	1.038	0.897
-0.668	1.048	0.828	-0.161	0.668	0.862	-0.570	1.526	0.897
-0.227	0.718	0.828	-0.085	0.565	0.862	-0.282	0.831	0.897
-0.380	1.402	0.828	-0.528	1.014	0.862	-0.508	1.493	0.897
-0.415	0.901	0.828	-0.353	0.879	0.862	-0.290	1.335	0.897
-0.291	0.788	0.828	-0.099	1.160	0.862	0.122	0.259	0.897
-0.306	1.350	0.828	-0.221	0.741	0.862	-0.158	0.685	0.897
0.055	1.001	0.828	-0.445	1.448	0.862	-0.432	1.445	0.897
-0.457	1.450	0.828	-0.298	1.343	0.862	-0.037	1.080	0.897
-0.603	1.520	0.828	-0.285	0.812	0.862	-0.083	0.582	0.897
-0.166	1.234	0.828	0.138	0.876	0.862	-0.652	1.111	0.897
-0.601	1.019	0.828	-0.163	1.224	0.862	-0.633	1.556	0.897
-0.538	1.491	0.828	0.055	0.352	0.862	-0.097	1.148	0.897
-0.536	0.984	0.828	-0.652	1.551	0.862	0.135	0.861	0.897
0.143	0.891	0.828	-0.408	0.928	0.862	-0.012	0.477	0.897
0.344	-0.169	0.828	0.876	-0.429	0.862	0.501	-0.446	0.897
0.403	0.512	0.828	0.570	0.187	0.862	0.640	0.014	0.897
0.495	0.359	0.828	0.484	0.342	0.862	0.869	-1.155	0.897
0.667	0.045	0.828	0.881	-1.160	0.862	0.551	-0.544	0.897
0.782	-0.184	0.828	0.298	0.647	0.862	0.622	-0.681	0.897
0.306	0.662	0.828	0.718	-0.857	0.862	0.952	-1.310	0.897
0.561	-0.565	0.828	0.510	-0.465	0.862	0.964	-0.674	0.897
0.954	-0.552	0.828	0.343	-0.153	0.862	0.752	-0.214	0.897
0.232	0.028	0.828	0.234	0.046	0.862	0.384	0.480	0.897
0.891	-0.415	0.828	0.653	0.029	0.862	0.392	-0.238	0.897
0.726	-0.865	0.828	0.393	0.496	0.862	0.215	0.747	0.897
0.950	-1.267	0.828	0.615	-0.663	0.862	0.291	0.631	0.897
0.226	0.778	0.828	0.450	-0.353	0.862	0.922	-0.579	0.897
0.831	-1.055	0.828	0.557	-0.554	0.862	0.797	-1.019	0.897
0.453	-0.367	0.828	0.930	-1.250	0.862	0.447	-0.342	0.897
0.622	-0.675	0.828	0.220	0.763	0.862	0.709	-0.850	0.897
0.827	-0.278	0.828	0.391	-0.242	0.862	0.558	0.171	0.897
0.893	-1.165	0.828	0.767	-0.199	0.862	0.797	-0.308	0.897
0.583	0.203	0.828	0.822	-1.051	0.862	0.473	0.326	0.897
1.175	-1.658	0.828	0.982	-1.343	0.862	0.341	-0.140	0.897
1.319	-1.908	0.828	0.980	-0.662	0.862	0.233	0.061	0.897
1.243	-1.225	0.828	1.213	-1.753	0.862	0.860	-0.443	0.897
1.227	-1.749	0.828	1.082	-0.896	0.862	1.231	-1.816	0.897
1.062	-1.463	0.828	1.048	-1.461	0.862	1.305	-1.950	0.897
1.199	-1.119	0.828	1.142	-1.035	0.862	1.283	-1.911	0.897
1.123	-1.568	0.828	1.257	-1.310	0.862	1.230	-1.294	0.897
0.997	-0.648	0.828	1.022	-0.757	0.862	1.165	-1.140	0.897
1.002	-1.358	0.828	1.301	-1.909	0.862	1.005	-0.767	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.161	-1.029	0.828	1.305	-1.425	0.862	1.126	-1.047	0.897
1.276	-1.833	0.828	1.114	-1.578	0.862	1.086	-1.554	0.897
1.322	-1.415	0.828	1.167	-1.671	0.862	1.158	-1.685	0.897
1.099	-0.883	0.828	1.261	-1.837	0.862	1.288	-1.433	0.897
1.036	-0.737	0.828	1.182	-1.130	0.862	1.066	-0.907	0.897
1.275	-1.301	0.828	1.223	-1.228	0.862	1.033	-1.459	0.897
1.489	-2.206	0.828	1.485	-1.867	0.862	1.408	-1.726	0.897
1.619	-2.158	0.828	1.562	-2.293	0.862	1.553	-2.095	0.897
1.362	-1.982	0.828	1.594	-2.279	0.862	1.595	-2.205	0.897
1.508	-2.243	0.828	1.618	-2.235	0.862	1.599	-2.222	0.897
1.561	-2.009	0.828	1.543	-2.016	0.862	1.428	-2.176	0.897
1.547	-2.283	0.828	1.468	-2.211	0.862	1.501	-1.961	0.897
1.582	-2.287	0.828	1.614	-2.251	0.862	1.472	-1.887	0.897
1.633	-2.195	0.828	1.386	-1.622	0.862	1.386	-2.098	0.897
1.638	-2.229	0.828	1.608	-2.183	0.862	1.599	-2.239	0.897
1.503	-1.860	0.828	1.428	-2.135	0.862	1.586	-2.270	0.897
1.637	-2.212	0.828	1.572	-2.091	0.862	1.467	-2.252	0.897
1.634	-2.245	0.828	1.526	-2.288	0.862	1.541	-2.297	0.897
1.383	-2.019	0.828	1.519	-1.954	0.862	1.343	-1.566	0.897
1.564	-2.287	0.828	1.448	-2.173	0.862	1.559	-2.292	0.897
1.410	-2.067	0.828	1.488	-2.248	0.862	1.346	-2.024	0.897
1.614	-2.273	0.828	1.614	-2.201	0.862	1.523	-2.297	0.897
1.626	-2.177	0.828	1.498	-2.265	0.862	1.490	-2.283	0.897
1.443	-1.711	0.828	1.606	-2.266	0.862	1.574	-2.283	0.897
1.599	-2.282	0.828	1.579	-2.288	0.862	1.448	-2.215	0.897
1.519	-2.260	0.828	1.618	-2.218	0.862	1.408	-2.138	0.897
1.447	-2.131	0.828	1.365	-2.022	0.862	1.525	-2.021	0.897
1.400	-1.605	0.828	1.511	-2.279	0.862	1.506	-2.292	0.897
1.532	-2.273	0.828	1.352	-1.540	0.862	1.594	-2.255	0.897
1.468	-2.168	0.828	1.601	-2.165	0.862	1.478	-2.269	0.897
1.369	-1.529	0.828	1.544	-2.293	0.862	1.582	-2.169	0.897
1.626	-2.260	0.828	1.426	-1.720	0.862	1.589	-2.187	0.897
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.744	1.610	0.931	-1.388	1.396	0.966	-1.304	1.586	1.000
-1.208	1.595	0.931	-1.350	1.508	0.966	-1.025	1.293	1.000
-1.027	1.231	0.931	-1.090	1.269	0.966	-1.362	1.364	1.000
-1.082	1.635	0.931	-1.387	1.374	0.966	-1.197	1.658	1.000
-1.125	1.233	0.931	-1.223	1.616	0.966	-0.851	1.679	1.000
-0.871	1.212	0.931	-1.155	1.271	0.966	-1.155	1.307	1.000
-1.319	1.523	0.931	-1.261	1.594	0.966	-1.284	1.318	1.000
-1.399	1.367	0.931	-0.839	1.654	0.966	-1.377	1.439	1.000
-1.349	1.491	0.931	-1.378	1.330	0.966	-0.948	1.278	1.000
-1.396	1.390	0.931	-1.001	1.670	0.966	-1.235	1.638	1.000
-0.721	1.166	0.931	-1.368	1.476	0.966	-1.350	1.347	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	1.192	0.931	-1.024	1.265	0.966	-0.794	1.663	1.000
-1.256	1.229	0.931	-1.354	1.296	0.966	-1.329	1.558	1.000
-1.285	1.551	0.931	-1.296	1.568	0.966	-1.156	1.673	1.000
-1.360	1.247	0.931	-0.787	1.641	0.966	-1.220	1.311	1.000
-1.400	1.345	0.931	-1.141	1.648	0.966	-0.873	1.257	1.000
-1.248	1.575	0.931	-1.253	1.272	0.966	-0.723	1.637	1.000
-1.319	1.232	0.931	-1.056	1.666	0.966	-1.371	1.384	1.000
-0.878	1.640	0.931	-0.893	1.664	0.966	-1.090	1.302	1.000
-1.341	1.238	0.931	-0.794	1.214	0.966	-1.114	1.685	1.000
-1.370	1.460	0.931	-1.285	1.274	0.966	-1.272	1.615	1.000
-1.398	1.322	0.931	-1.336	1.285	0.966	-1.072	1.692	1.000
-1.223	1.230	0.931	-1.327	1.538	0.966	-0.909	1.690	1.000
-1.386	1.426	0.931	-0.869	1.237	0.966	-1.028	1.696	1.000
-1.125	1.625	0.931	-1.381	1.440	0.966	-1.252	1.314	1.000
-0.811	1.628	0.931	-0.721	1.619	0.966	-1.314	1.325	1.000
-1.288	1.229	0.931	-1.385	1.352	0.966	-1.365	1.493	1.000
-1.015	1.644	0.931	-1.315	1.278	0.966	-1.373	1.466	1.000
-1.387	1.278	0.931	-1.099	1.659	0.966	-1.350	1.527	1.000
-1.394	1.300	0.931	-0.947	1.669	0.966	-0.799	1.229	1.000
-1.167	1.612	0.931	-0.946	1.254	0.966	-0.728	1.196	1.000
-0.946	1.646	0.931	-1.368	1.311	0.966	-0.969	1.696	1.000
-0.948	1.225	0.931	-1.386	1.419	0.966	-1.376	1.411	1.000
-1.375	1.261	0.931	-1.220	1.272	0.966	-1.333	1.334	1.000
0.131	0.846	0.931	-0.721	1.184	0.966	-0.445	1.469	1.000
-0.442	0.995	0.931	-1.183	1.634	0.966	-0.659	1.158	1.000
-0.211	0.761	0.931	-0.478	1.487	0.966	0.058	0.919	1.000
-0.037	1.067	0.931	-0.536	1.526	0.966	-0.365	0.923	1.000
-0.095	1.135	0.931	-0.092	0.604	0.966	-0.162	1.195	1.000
-0.577	1.092	0.931	0.047	0.391	0.966	-0.524	1.527	1.000
-0.678	1.587	0.931	-0.102	1.134	0.966	-0.229	1.268	1.000
0.054	0.382	0.931	-0.271	0.832	0.966	-0.370	1.406	1.000
-0.493	1.491	0.931	-0.658	1.592	0.966	-0.654	1.605	1.000
-0.160	0.698	0.931	-0.218	0.770	0.966	-0.433	0.988	1.000
-0.552	1.527	0.931	-0.327	0.892	0.966	-0.181	0.712	1.000
-0.155	1.201	0.931	-0.036	1.054	0.966	-0.505	1.049	1.000
-0.649	1.132	0.931	-0.386	0.950	0.966	0.100	0.288	1.000
-0.380	0.940	0.931	-0.448	1.005	0.966	-0.035	1.043	1.000
-0.217	1.265	0.931	-0.167	0.707	0.966	-0.300	0.855	1.000
-0.614	1.559	0.931	-0.318	1.358	0.966	-0.034	0.505	1.000
-0.349	1.385	0.931	0.128	0.833	0.966	-0.298	1.339	1.000
0.119	0.272	0.931	-0.581	1.105	0.966	-0.105	0.610	1.000
-0.282	1.327	0.931	0.048	0.945	0.966	0.035	0.397	1.000
-0.320	0.883	0.931	-0.396	1.425	0.966	-0.098	1.120	1.000
-0.419	1.440	0.931	-0.243	1.286	0.966	-0.239	0.785	1.000
-0.085	0.595	0.931	-0.020	0.499	0.966	-0.580	1.106	1.000
-0.014	0.489	0.931	0.112	0.281	0.966	0.146	0.791	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.264	0.823	0.931	-0.651	1.148	0.966	-0.588	1.568	1.000
0.050	0.958	0.931	-0.596	1.561	0.966	0.275	-0.032	1.000
-0.508	1.046	0.931	-0.513	1.057	0.966	0.359	-0.195	1.000
0.230	0.073	0.931	-0.171	1.212	0.966	0.389	0.393	1.000
0.210	0.732	0.931	0.831	-0.463	0.966	0.757	-0.332	1.000
0.544	-0.536	0.931	0.617	-0.695	0.966	0.190	0.129	1.000
0.441	-0.332	0.931	0.726	-0.236	0.966	0.607	-0.019	1.000
0.856	-1.151	0.931	0.786	-0.365	0.966	0.897	-1.286	1.000
0.742	-0.928	0.931	0.537	0.145	0.966	0.521	-0.521	1.000
0.463	0.312	0.931	0.871	-0.551	0.966	0.672	-0.831	1.000
0.628	0.000	0.931	0.687	-0.838	0.966	0.880	-0.605	1.000
0.739	-0.226	0.931	0.202	0.122	0.966	0.601	-0.686	1.000
0.845	-0.455	0.931	0.934	-0.692	0.966	0.752	-0.995	1.000
0.973	-1.373	0.931	0.279	0.602	0.966	0.464	0.257	1.000
0.949	-0.685	0.931	0.949	-1.356	0.966	0.854	-0.546	1.000
0.547	0.157	0.931	0.841	-1.146	0.966	0.440	-0.358	1.000
0.285	0.616	0.931	0.453	-0.365	0.966	0.715	-0.243	1.000
0.699	-0.844	0.931	0.371	-0.202	0.966	0.936	-1.363	1.000
0.889	-0.552	0.931	0.287	-0.039	0.966	0.824	-1.141	1.000
0.376	0.465	0.931	0.616	-0.011	0.966	0.974	-0.819	1.000
0.337	-0.129	0.931	0.454	0.299	0.966	0.980	-1.449	1.000
0.931	-1.294	0.931	0.205	0.718	0.966	0.312	0.528	1.000
0.629	-0.704	0.931	0.534	-0.528	0.966	0.231	0.660	1.000
0.782	-1.008	0.931	0.664	-0.109	0.966	0.920	-0.696	1.000
1.084	-0.997	0.931	0.735	-0.936	0.966	0.536	0.120	1.000
1.212	-1.299	0.931	0.368	0.452	0.966	0.819	-0.468	1.000
1.018	-1.456	0.931	1.043	-1.534	0.966	0.714	-0.918	1.000
1.095	-1.600	0.931	1.000	-1.453	0.966	1.187	-1.841	1.000
1.326	-2.025	0.931	1.305	-2.023	0.966	1.045	-1.573	1.000
1.148	-1.148	0.931	1.068	-1.002	0.966	1.100	-1.678	1.000
1.226	-1.841	0.931	1.253	-1.441	0.966	1.175	-1.296	1.000
1.049	-0.916	0.931	1.122	-1.682	0.966	1.018	-0.924	1.000
1.305	-1.522	0.931	1.318	-1.600	0.966	1.014	-1.514	1.000
1.270	-1.439	0.931	1.287	-1.524	0.966	1.283	-2.019	1.000
1.264	-1.911	0.931	1.132	-1.153	0.966	1.156	-1.783	1.000
1.056	-1.527	0.931	1.201	-1.829	0.966	1.277	-1.542	1.000
1.186	-1.768	0.931	0.995	-0.833	0.966	1.235	-1.441	1.000
1.007	-0.818	0.931	1.195	-1.304	0.966	1.056	-1.011	1.000
1.141	-1.684	0.931	1.033	-0.922	0.966	1.308	-1.619	1.000
1.566	-2.271	0.931	1.244	-1.909	0.966	1.222	-1.905	1.000
1.433	-1.837	0.931	1.437	-2.269	0.966	1.115	-1.153	1.000
1.539	-2.293	0.931	1.544	-2.168	0.966	1.353	-1.728	1.000
1.574	-2.256	0.931	1.371	-1.731	0.966	1.535	-2.246	1.000
1.580	-2.223	0.931	1.534	-2.281	0.966	1.365	-2.172	1.000
1.457	-2.270	0.931	1.560	-2.220	0.966	1.526	-2.261	1.000
1.408	-2.178	0.931	1.406	-2.215	0.966	1.397	-1.838	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.534	-2.097	0.931	1.483	-2.295	0.966	1.345	-2.134	1.000
1.427	-2.216	0.931	1.450	-2.282	0.966	1.500	-2.283	1.000
1.579	-2.240	0.931	1.560	-2.237	0.966	1.525	-2.162	1.000
1.470	-2.284	0.931	1.426	-2.252	0.966	1.386	-2.210	1.000
1.521	-2.298	0.931	1.502	-2.295	0.966	1.482	-2.288	1.000
1.503	-2.298	0.931	1.552	-2.186	0.966	1.446	-2.285	1.000
1.485	-2.293	0.931	1.487	-2.022	0.966	1.468	-2.017	1.000
1.347	-1.624	0.931	1.516	-2.095	0.966	1.540	-2.208	1.000
1.387	-2.140	0.931	1.424	-1.863	0.966	1.496	-2.090	1.000
1.506	-2.023	0.931	1.557	-2.203	0.966	1.464	-2.289	1.000
1.446	-2.254	0.931	1.367	-2.139	0.966	1.427	-1.916	1.000
1.473	-1.940	0.931	1.387	-2.177	0.966	1.417	-2.263	1.000
1.570	-2.188	0.931	1.519	-2.290	0.966	1.540	-2.230	1.000
1.576	-2.206	0.931	1.465	-2.291	0.966	1.514	-2.273	1.000
1.563	-2.170	0.931	1.546	-2.268	0.966	1.406	-2.247	1.000
1.390	-1.730	0.931	1.454	-1.939	0.966	1.430	-2.276	1.000
1.554	-2.284	0.931	1.555	-2.254	0.966	1.535	-2.185	1.000

9

第二级涡轮叶片的翼面

发明领域

本发明涉及燃气涡轮级的涡轮叶片，尤其涉及第二级涡轮叶片翼面轮廓。

背景技术

近年来，为了满足系统效率和负载的要求，先进的燃气涡轮有提高燃烧温度的趋势。因此，涡轮叶片的设计和结构要求空气动力学效率最优，以及叶片的空气动力学和机构负荷最优。

发明概述

根据本发明的一个优选实施例，提供了涡轮级，最好是第二级燃气涡轮的叶片的一种独特的涡轮叶片翼面轮廓。叶片翼面轮廓是由能满足必要的效率和承载要求的点的独特轨迹确定的，因而可改善涡轮的性能。这些点的轨迹确定翼面的名义轮廓，并由下面的表 1 中的 X, Y 和 Z 笛卡儿坐标给出。表 1 所示的 3600 个点的坐标值是沿着长度方向的叶片翼面各种横截面上的冷温度（即室温）轮廓的坐标值。X 和 Y 坐标用距离尺寸（例如以英寸为单位）给出，并且在每一个 Z 位置平滑地连接，形成一个平滑的连续的翼面横截面。Z 坐标是以沿着与回轴轴线半径方向一致的叶片中心线的 0~1 的无因次形式给出的。将翼面高度尺寸（例如英寸）与表 1 中的无因次 Z 值相乘，并将该值与叶片的根半径相加，可得出离回转轴线的实际 Z 距离（例如英寸）。每一个确定的横截面平滑地跟相邻的横截面连接，形成完整的翼面形状。

应懂得在使用中，每一个叶片翼面被加热，由于应力和温度的作用，轮廓会改变。因此，为了制造目的，冷温度或室温轮廓用 X, Y 和 Z 坐标给出。因为制造的叶片翼面轮廓可能与下表给出的名义翼面轮廓不同，因此，在与沿着名义轮廓和包括任何涂层的任何表面位置垂直的方向上的名义轮廓上正或负 0.160 英寸的距离可确定这个叶片翼面的轮廓包络面。对于这种变化的设计是很可靠的，不会损害机械和空气动力学功能。

另外，还应懂得，为了能用在同样的涡轮设计中，翼面和比例几何上可以放大或缩小。因此，下面给出的名义翼面轮廓的以英寸表示

的 X 和 Y 坐标, 和转换为英寸的 Z 坐标为同一个常数或数字的函数。即: 在保持翼面截面形状的同时, X 和 Y 及 Z 坐标以英寸表示的值, 可以用相同的常数或数字乘或除, 以得到该叶片翼面轮廓的比例放大或缩小的形式。

在根据本发明的一个优选实施例中, 提供了一种涡轮叶片, 它的叶片翼面包络面形状在与任何翼面表面位置垂直的方向上在 ± 0.160 英寸内, 其中, 该翼面具有基本上按照表 1 中列出的 X、Y 和 Z 笛卡儿坐标值的名义轮廓; 其中, Z 为沿着与涡轮回转轴半径方向一致的叶片中心线的无因次值, 通过将 Z 值乘以翼面高度, 并将其乘积与叶片的根部半径相加, 可将该无因次值转换为离所述涡轮轴线的 Z 距离; 其中, X 和 Y 为确定在每一个距离 Z 处的翼面轮廓的以英寸表示的距离, 在 Z 距离处的轮廓彼此平滑地连接, 形成一个完整的翼面形状。

在根据本发明的另一个优选实施例中, 提供了一种涡轮叶片, 它具有基本上按照表 1 的 X、Y 和 Z 坐标值的没有涂层的名义翼面轮廓, 其中, Z 为沿着与涡轮回转轴半径方向一致的叶片中心线的无因次值, 通过将 Z 值乘以翼面高度, 并将其乘积与叶片的根部半径相加, 可将该无因次值转换为以英寸表示的 Z 距离; 其中, X 和 Y 为确定在每一个距离 Z 处的翼面轮廓的以英寸表示的距离, 在 Z 距离处的轮廓互相平滑地连接, 形成一个完整的翼面形状; X 和 Y 距离可作为同一个常数或数字的函数按比例改变, 形成比例放大或缩小的叶片翼面。

在本发明的又一个优选实施例中, 提供了一种涡轮机, 它包括具有多个叶片的一个涡轮叶轮, 每一个所述的叶片在与任何翼面表面位置垂直的方向上的翼面包络面形状在 ± 0.160 英寸内; 其中该翼面具有基本上按照表 1 中的 X、Y 和 Z 笛卡儿坐标值的名义轮廓; 其中, Z 为沿着与涡轮回转轴半径方向一致的叶片中心线的无因次值, 通过将 Z 值乘以翼面高度, 并将其乘积与叶片的根部半径相加, 可将该无因次值转换为离所述涡轮轴线的以英寸表示的 Z 距离; 其中, X 和 Y 为确定在每一个距离 Z 处的翼面轮廓的以英寸表示的距离, 在 Z 距离处的轮廓彼此平滑地连接, 形成一个完整的翼面形状。

在根据本发明的再一个优选实施例中, 提供了一种涡轮, 它包括具有多个叶片的涡轮叶轮, 每一个所述叶片具有基本上按照表 1 列出的 X、Y 和 Z 笛卡儿坐标值的没有涂层的名义翼面轮廓, 其中, Z 为沿

着与涡轮回转轴半径方向一致的叶片中心线的无因次值, 通过将 Z 值乘以翼面高度, 并将其乘积与叶片的根部半径相加, 可将该无因次值转换为以英寸表示的 Z 距离; 其中, X 和 Y 为确定在每一个距离 Z 处的翼面轮廓的以英寸表示的距离, 在 Z 距离处的轮廓互相平滑地连接, 形成一个完整的翼面形状; X 和 Y 距离可作为同一个常数或数字的函数按比例改变, 形成比例放大或缩小的叶片翼面。

附图简述

图 1 为表示第二级涡轮采用本文所述的叶片和叶片翼面的涡轮的示意图;

图 2 为包括根据本发明的优选实施例的翼面和柄部的第二级涡轮叶片的顶缘、尾缘和压力侧的透视图。

图 3 为包括所述翼面的叶片的侧视图。

图 4 为叶片的顶部平面图; 和

图 5 为叶片翼面的后负压侧的透视图。

优选实施例详述

参见图 1, 图中表示涡轮 10 的一部分, 其中可以采用具有所述翼面轮廓的第二级涡轮叶片 22。涡轮 10 包括一个转子 12, 它具有连同转子各个级相应的定子叶片 26, 28 和 30 的叶片 20, 22 和 24 的第一, 第二和第三级转子叶轮 14、16 和 18。图中表示了三级涡轮。

第二级包括转子叶轮 16, 其上与上游的定子叶片 28 轴向相对, 安装着叶片 22。在第二级轮 16 周围, 在圆周方向彼此间隔地安装着多个叶片 22, 在这种情况下, 在第二级轮 16 周围, 安装着 92 个叶片。

图 2 表示根据本发明制造的涡轮叶片 22, 它包括安装在平台 34 上的翼面 40。涡轮叶片还分别包括前后空间密封, 即杂散反射翼(angel wing) 36 和 38。叶片 22 利用图中没有示出的装置安装在涡轮叶轮 16 上。翼面 40 和平台 34 总称为叶片 22。翼面 40 的轮廓包括带有负压侧和压力侧 42 和 44, 以及前缘 46 和后缘 48 的复合曲率。

表 1 给出的笛卡儿坐标系统的 X , Y 和 Z 值确定了翼面 40 的轮廓。虽然可以使用其他尺寸单位, 但在表 1 中的 X 和 Y 坐标值用英寸表示。表 1 中的 Z 值用沿着与回转轴半径方向一致的叶片中心线的 0~1 的无因次形式给出。为了将距离涡轮回转轴线的 Z 值转换为 Z 坐标值(例如英寸), 要将表 1 给出的无因次 Z 值乘以以英寸表示的翼面 40 的高

度，并将其乘积与以英寸表示的根部半径相加。翼面高度是从沿着涡轮中心线或轴线半径的叶片中心线与流动通道的根部半径的交点测量的。与优选实施例的第二级的每一个叶片的根部半径的这个交点的 Z 坐标值为 46.530 英寸。本优选实施例中的距离根部半径的第二级翼面叶片的高度为 13.63 英寸。笛卡儿坐标系的 X、Y 和 Z 轴为正交关系，而 Z 轴则是在与包含 X 和 Y 值的平面垂直的平面上垂直地延伸的。当转换为英寸时，Z 距离在涡轮中心线上，在 0 处开始。Y 轴与涡轮转子中心线，即转子轴线平行。

通过确定在与 X、Y 平面垂直的 Z 方向上，在所选择位置上的 X 和 Y 坐标值，可以确定翼面 40 的轮廓。利用平滑的连续圆弧将 X 和 Y 值连接起来，可得到在每一个距离 Z 时的每一个轮廓部分。通过将相邻的横截面彼此平滑地连接，形成翼面，可以确定距离 Z 之间的各个表面位置的表面轮廓。这些值代表在周围不工作或不热的条件下的翼面轮廓，并且是没有涂层的翼面的轮廓。如一般在笛卡儿坐标系中使用的一样，符号习惯是 Z 值为正值，X 和 Y 坐标为正值和负值。

表 1 中产生到小数第三位的值，用于确定翼面轮廓。通常有制造公差以及涂层，这是在翼面的实际轮廓中必需考虑的。因此，表 1 中给出的轮廓值是名义翼面的值。应当知道，一般包括涂层厚度的制造公差（即±值）要加到表 1 中给出的 X 和 Y 值中。因此，在与沿着翼面轮廓的任何表面位置垂直的方向上的±0.160 英寸距离，确定这个特定的叶片翼面设计和涡轮的翼面轮廓包络面。

下面的表 1 给出的坐标值形成优选的名义轮廓包络面。

表 1

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.672	0.175	0.000	-1.522	0.173	0.035	-1.697	0.458	0.069
-1.429	0.908	0.000	-1.268	0.141	0.035	-1.477	0.201	0.069
-1.614	0.152	0.000	-1.684	0.229	0.035	-1.701	0.310	0.069
-1.734	0.278	0.000	-1.406	0.936	0.035	-1.351	0.182	0.069
-1.725	0.378	0.000	-1.722	0.352	0.035	-1.561	0.745	0.069
-1.631	0.612	0.000	-1.538	0.771	0.035	-1.589	0.225	0.069
-1.485	0.134	0.000	-1.597	0.188	0.035	-1.705	0.425	0.069
-1.496	0.825	0.000	-1.722	0.319	0.035	-1.663	0.557	0.069
-1.731	0.344	0.000	-1.664	0.215	0.035	-1.599	0.684	0.069
-1.693	0.480	0.000	-1.475	0.855	0.035	-1.520	0.803	0.069
-1.518	0.137	0.000	-1.615	0.648	0.035	-1.420	0.925	0.069
-1.357	0.987	0.000	-1.711	0.418	0.035	-1.515	0.208	0.069
-1.557	0.737	0.000	-1.678	0.519	0.035	-1.472	0.865	0.069
-1.734	0.311	0.000	-1.358	0.151	0.035	-1.707	0.334	0.069
-1.453	0.130	0.000	-1.718	0.385	0.035	-1.710	0.360	0.069
-1.692	0.188	0.000	-1.485	0.167	0.035	-1.690	0.288	0.069
-1.273	0.113	0.000	-1.632	0.199	0.035	-1.709	0.392	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.664	0.547	0.000	-1.271	1.065	0.035	-1.440	0.195	0.069
-1.644	0.161	0.000	-1.711	0.269	0.035	-1.307	1.034	0.069
-1.721	0.228	0.000	-1.447	0.162	0.035	-1.261	0.170	0.069
-1.582	0.146	0.000	-1.648	0.584	0.035	-1.365	0.981	0.069
-1.730	0.252	0.000	-1.578	0.710	0.035	-1.688	0.490	0.069
-1.596	0.675	0.000	-1.702	0.451	0.035	-1.623	0.238	0.069
-1.716	0.411	0.000	-1.331	1.011	0.035	-1.552	0.216	0.069
-1.298	1.044	0.000	-1.718	0.294	0.035	-1.633	0.622	0.069
-1.709	0.206	0.000	-1.560	0.179	0.035	-1.674	0.270	0.069
-1.550	0.141	0.000	-1.700	0.247	0.035	-1.656	0.255	0.069
-1.059	0.087	0.000	-1.207	1.114	0.035	-0.895	1.268	0.069
-0.960	1.265	0.000	-0.850	1.289	0.035	-1.180	1.132	0.069
-1.033	1.232	0.000	-1.054	0.112	0.035	-0.941	0.120	0.069
-0.885	1.293	0.000	-0.999	1.237	0.035	-0.807	0.091	0.069
-0.952	0.069	0.000	-0.813	0.066	0.035	-1.101	0.148	0.069
-1.172	1.147	0.000	-1.141	1.160	0.035	-0.819	1.288	0.069
-0.818	0.041	0.000	-1.161	0.127	0.035	-1.112	1.174	0.069
-1.104	1.192	0.000	-0.947	0.094	0.035	-1.042	1.211	0.069
-0.809	1.314	0.000	-0.926	1.266	0.035	-0.969	1.243	0.069
-1.237	1.097	0.000	-1.071	1.201	0.035	-1.245	1.085	0.069
-1.166	0.101	0.000	-0.680	0.031	0.035	-0.505	1.302	0.069
-0.554	-0.034	0.000	-0.145	1.197	0.035	0.175	0.982	0.069
-0.025	1.136	0.000	-0.299	1.263	0.035	-0.050	-0.208	0.069
-0.649	1.333	0.000	-0.296	-0.109	0.035	-0.349	1.270	0.069
-0.250	1.256	0.000	-0.071	1.157	0.035	-0.273	1.245	0.069
0.062	-0.326	0.000	-0.615	1.319	0.035	-0.544	0.016	0.069
-0.426	-0.081	0.000	-0.054	-0.232	0.035	-0.291	-0.084	0.069
-0.098	1.181	0.000	-0.773	1.306	0.035	-0.585	1.308	0.069
-0.685	0.007	0.000	-0.422	-0.056	0.035	0.066	-0.278	0.069
-0.177	-0.193	0.000	-0.221	1.233	0.035	-0.742	1.301	0.069
-0.300	-0.134	0.000	0.001	1.113	0.035	-0.664	1.308	0.069
-0.056	-0.257	0.000	0.156	1.001	0.035	-0.196	1.214	0.069
-0.408	1.307	0.000	0.070	1.065	0.035	-0.416	-0.031	0.069
-0.173	1.221	0.000	-0.535	1.315	0.035	0.023	1.094	0.069
0.132	1.024	0.000	-0.695	1.316	0.035	-0.170	-0.143	0.069
-0.488	1.323	0.000	-0.376	1.286	0.035	-0.427	1.289	0.069
-0.329	1.285	0.000	0.064	-0.302	0.035	-0.674	0.057	0.069
-0.730	1.327	0.000	-0.174	-0.168	0.035	0.091	1.046	0.069
0.046	1.089	0.000	-0.550	-0.010	0.035	-0.121	1.178	0.069
-0.568	1.331	0.000	-0.455	1.304	0.035	-0.048	1.138	0.069
0.746	-0.844	0.000	0.886	-0.958	0.035	0.707	0.429	0.069
0.528	-0.659	0.000	0.238	0.932	0.035	0.484	0.691	0.069
1.029	-1.112	0.000	0.301	-0.462	0.035	0.335	0.842	0.069
0.450	0.730	0.000	0.469	0.708	0.035	0.185	-0.357	0.069
0.638	-0.750	0.000	0.415	-0.548	0.035	0.302	-0.440	0.069
0.301	-0.485	0.000	0.184	-0.379	0.035	0.912	0.152	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.682	0.466	0.000	0.905	0.167	0.035	0.741	-0.808	0.069
1.096	-0.105	0.000	0.744	-0.825	0.035	0.882	-0.943	0.069
0.416	-0.570	0.000	1.100	-0.122	0.035	1.009	0.009	0.069
0.297	0.883	0.000	0.527	-0.638	0.035	0.527	-0.619	0.069
0.183	-0.404	0.000	0.637	-0.730	0.035	0.411	0.767	0.069
0.375	0.808	0.000	0.696	0.445	0.035	0.257	0.913	0.069
0.889	-0.976	0.000	1.025	-1.096	0.035	1.019	-1.082	0.069
0.568	0.600	0.000	1.004	0.024	0.035	0.635	-0.712	0.069
0.896	0.186	0.000	0.585	0.579	0.035	0.415	-0.528	0.069
0.216	0.955	0.000	0.802	0.308	0.035	0.598	0.562	0.069
0.791	0.327	0.000	0.395	0.785	0.035	1.102	-0.137	0.069
0.998	0.042	0.000	0.318	0.860	0.035	0.811	0.292	0.069
1.259	-0.365	0.000	1.291	-1.381	0.035	1.347	-0.553	0.069
1.305	-0.442	0.000	1.571	-0.951	0.035	1.192	-0.284	0.069
1.533	-1.663	0.000	1.612	-1.034	0.035	1.602	-1.044	0.069
1.415	-0.633	0.000	1.514	-0.840	0.035	1.462	-0.768	0.069
1.360	-0.535	0.000	1.159	-1.237	0.035	1.409	-1.519	0.069
1.521	-0.826	0.000	1.465	-0.747	0.035	1.283	-1.371	0.069
1.621	-1.022	0.000	1.411	-0.648	0.035	1.153	-1.225	0.069
1.576	-0.932	0.000	1.193	-0.270	0.035	1.493	-1.622	0.069
1.298	-1.394	0.000	1.523	-1.653	0.035	1.301	-0.471	0.069
1.191	-0.253	0.000	1.419	-1.528	0.035	1.550	-0.940	0.069
1.427	-1.540	0.000	1.304	-0.458	0.035	1.505	-0.851	0.069
1.481	-0.752	0.000	1.366	-0.567	0.035	1.562	-1.709	0.069
1.165	-1.252	0.000	1.625	-1.780	0.035	1.405	-0.660	0.069
1.979	-2.217	0.000	2.039	-2.210	0.035	1.865	-2.124	0.069
1.898	-2.139	0.000	2.046	-2.014	0.035	2.059	-2.167	0.069
2.087	-2.182	0.000	1.894	-2.149	0.035	2.065	-2.149	0.069
2.057	-2.210	0.000	1.968	-2.219	0.035	1.986	-2.221	0.069
2.103	-2.145	0.000	2.059	-2.045	0.035	1.920	-2.200	0.069
1.934	-2.187	0.000	2.068	-2.184	0.035	2.049	-2.185	0.069
1.906	-1.636	0.000	1.724	-1.910	0.035	1.851	-2.103	0.069
2.005	-2.222	0.000	1.922	-2.187	0.035	2.026	-2.016	0.069
1.881	-2.113	0.000	1.866	-2.108	0.035	2.039	-2.048	0.069
2.097	-2.164	0.000	2.082	-2.107	0.035	1.951	-2.218	0.069
2.105	-2.124	0.000	1.880	-2.128	0.035	1.935	-2.211	0.069
2.078	-2.042	0.000	1.666	-1.144	0.035	2.062	-2.109	0.069
1.916	-2.164	0.000	1.986	-2.222	0.035	1.866	-1.628	0.069
1.718	-1.220	0.000	1.770	-1.368	0.035	1.710	-1.904	0.069
1.997	-1.851	0.000	2.033	-1.982	0.035	2.066	-2.129	0.069
2.102	-2.104	0.000	2.072	-2.077	0.035	1.968	-2.221	0.069
2.073	-2.198	0.000	1.908	-2.169	0.035	1.963	-1.860	0.069
1.835	-2.047	0.000	1.820	-1.479	0.035	2.014	-1.985	0.069
2.040	-2.217	0.000	1.880	-1.617	0.035	1.742	-1.345	0.069
2.051	-1.979	0.000	2.085	-2.127	0.035	1.879	-2.144	0.069
2.065	-2.010	0.000	2.084	-2.147	0.035	1.906	-2.184	0.069

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.834	-1.471	0.000	1.928	-1.730	0.035	1.892	-2.164	0.069
1.877	-1.570	0.000	1.937	-2.203	0.035	1.652	-1.150	0.069
2.023	-2.221	0.000	1.707	-1.231	0.035	1.781	-2.003	0.069
1.955	-2.205	0.000	2.078	-2.166	0.035	1.694	-1.239	0.069
1.637	-1.789	0.000	2.022	-2.218	0.035	2.052	-2.079	0.069
1.787	-1.981	0.000	2.004	-2.221	0.035	1.645	-1.817	0.069
1.738	-1.916	0.000	2.054	-2.199	0.035	2.003	-2.218	0.069
1.772	-1.336	0.000	1.820	-2.041	0.035	2.036	-2.200	0.069
2.092	-2.073	0.000	1.772	-1.975	0.035	1.911	-1.735	0.069
1.673	-1.126	0.000	1.952	-2.212	0.035	1.805	-1.486	0.069
1.944	-1.724	0.000	1.981	-1.856	0.035	2.020	-2.211	0.069
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.155	1.149	0.103	-1.635	0.334	0.138	-1.304	1.060	0.172
-1.506	0.244	0.103	-1.662	0.566	0.138	-1.485	0.320	0.172
-1.221	1.106	0.103	-1.679	0.503	0.138	-1.671	0.453	0.172
-1.698	0.400	0.103	-1.653	0.349	0.138	-1.418	0.957	0.172
-1.503	0.836	0.103	-1.324	1.033	0.138	-1.665	0.429	0.172
-0.792	1.289	0.103	-1.668	0.368	0.138	-1.623	0.373	0.172
-1.649	0.594	0.103	-1.686	0.439	0.138	-1.641	0.388	0.172
-1.094	0.178	0.103	-1.435	0.926	0.138	-1.659	0.573	0.172
-1.579	0.263	0.103	-1.459	0.273	0.138	-1.622	0.668	0.172
-1.618	0.658	0.103	-1.683	0.414	0.138	-1.592	0.355	0.172
-1.453	0.896	0.103	-1.569	0.302	0.138	-1.553	0.789	0.172
-1.015	1.222	0.103	-1.422	0.266	0.138	-1.322	0.287	0.172
-1.583	0.719	0.103	-1.678	0.390	0.138	-1.522	0.329	0.172
-1.432	0.230	0.103	-1.604	0.694	0.138	-1.667	0.541	0.172
-1.343	0.215	0.103	-1.333	0.250	0.138	-1.513	0.846	0.172
-1.469	0.237	0.103	-1.684	0.471	0.138	-1.655	0.407	0.172
-0.814	0.122	0.103	-1.264	1.082	0.138	-1.469	0.900	0.172
-1.086	1.188	0.103	-1.636	0.631	0.138	-1.411	0.304	0.172
-1.543	0.253	0.103	-1.603	0.316	0.138	-1.672	0.510	0.172
-1.664	0.310	0.103	-1.486	0.868	0.138	-1.558	0.341	0.172
-1.400	0.953	0.103	-1.568	0.754	0.138	-1.673	0.478	0.172
-1.344	1.007	0.103	-1.529	0.812	0.138	-1.448	0.312	0.172
-1.614	0.277	0.103	-1.496	0.282	0.138	-1.590	0.730	0.172
-0.867	1.273	0.103	-1.533	0.291	0.138	-1.649	0.604	0.172
-1.689	0.350	0.103	-1.381	0.982	0.138	-1.363	1.010	0.172
-1.675	0.528	0.103	-1.671	0.535	0.138	-0.893	1.271	0.172
-1.679	0.328	0.103	-0.917	1.260	0.138	-0.916	0.211	0.172
-0.942	1.251	0.103	-1.132	1.168	0.138	-1.243	1.106	0.172
-1.285	1.058	0.103	-1.244	0.236	0.138	-1.178	1.149	0.172
-1.697	0.432	0.103	-0.842	1.279	0.138	-0.796	0.182	0.172
-1.545	0.779	0.103	-0.926	0.179	0.138	-1.040	1.220	0.172
-0.934	0.149	0.103	-0.806	0.151	0.138	-1.074	0.244	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.695	0.374	0.103	-1.062	1.204	0.138	-0.819	1.287	0.172
-1.692	0.465	0.103	-0.991	1.234	0.138	-1.234	0.272	0.172
-1.253	0.202	0.103	-1.085	0.210	0.138	-1.110	1.187	0.172
-1.646	0.295	0.103	-1.199	1.127	0.138	-0.968	1.248	0.172
-1.684	0.497	0.103	-0.380	1.269	0.138	-0.125	-0.090	0.172
-0.029	1.122	0.103	-0.767	1.292	0.138	-0.591	1.302	0.172
-0.402	1.277	0.103	-0.082	1.150	0.138	-0.436	1.282	0.172
-0.250	1.231	0.103	-0.155	1.187	0.138	-0.678	0.148	0.172
-0.350	-0.031	0.103	-0.535	1.296	0.138	-0.562	0.110	0.172
-0.578	0.055	0.103	-0.028	-0.172	0.138	-0.513	1.295	0.172
-0.136	-0.135	0.103	0.073	-0.236	0.138	-0.448	0.067	0.172
-0.325	1.257	0.103	-0.236	-0.057	0.138	0.054	1.067	0.172
-0.637	1.303	0.103	-0.230	1.220	0.138	0.137	1.008	0.172
-0.100	1.163	0.103	-0.131	-0.112	0.138	-0.212	1.212	0.172
-0.174	1.199	0.103	-0.690	1.300	0.138	-0.031	1.121	0.172
0.041	1.078	0.103	-0.457	1.285	0.138	-0.023	-0.151	0.172
0.069	-0.256	0.103	-0.687	0.119	0.138	-0.360	1.264	0.172
-0.715	1.299	0.103	0.124	1.018	0.138	-0.230	-0.034	0.172
-0.695	0.091	0.103	-0.456	0.040	0.138	0.076	-0.217	0.172
-0.463	0.014	0.103	-0.613	1.301	0.138	-0.667	1.303	0.172
0.109	1.031	0.103	-0.570	0.082	0.138	-0.120	1.170	0.172
-0.242	-0.081	0.103	-0.304	1.247	0.138	-0.337	0.019	0.172
-0.558	1.301	0.103	-0.012	1.110	0.138	-0.285	1.240	0.172
-0.480	1.292	0.103	-0.344	-0.006	0.138	-0.743	1.298	0.172
-0.032	-0.193	0.103	0.057	1.065	0.138	0.994	-1.058	0.172
1.101	-0.149	0.103	1.134	-1.209	0.138	0.625	-0.674	0.172
0.525	-0.602	0.103	1.010	-0.015	0.138	0.726	0.393	0.172
0.715	0.415	0.103	0.415	-0.494	0.138	1.095	-0.169	0.172
1.012	-1.071	0.103	0.505	0.665	0.138	1.122	-1.205	0.172
0.633	-0.697	0.103	0.524	-0.588	0.138	0.513	0.655	0.172
0.877	-0.931	0.103	0.870	-0.921	0.138	0.192	-0.300	0.172
0.303	-0.421	0.103	0.190	-0.317	0.138	0.305	-0.388	0.172
0.818	0.278	0.103	0.721	0.403	0.138	0.727	-0.774	0.172
1.010	-0.004	0.103	0.361	0.815	0.138	0.371	0.805	0.172
0.424	0.753	0.103	0.918	0.127	0.138	0.824	0.257	0.172
0.415	-0.510	0.103	1.099	-0.160	0.138	0.862	-0.914	0.172
0.272	0.898	0.103	0.304	-0.404	0.138	0.218	0.944	0.172
0.738	-0.794	0.103	0.434	0.741	0.138	0.295	0.876	0.172
0.608	0.548	0.103	0.206	0.954	0.138	0.918	0.117	0.172
0.916	0.138	0.103	0.629	-0.684	0.138	1.009	-0.025	0.172
0.496	0.676	0.103	0.822	0.267	0.138	0.443	0.731	0.172
1.144	-1.216	0.103	0.733	-0.783	0.138	0.521	-0.576	0.172
0.188	-0.336	0.103	1.004	-1.063	0.138	0.622	0.526	0.172
0.349	0.827	0.103	0.616	0.536	0.138	0.414	-0.480	0.172
0.192	0.966	0.103	0.285	0.886	0.138	1.538	-1.020	0.172
1.390	-0.657	0.103	1.241	-0.406	0.138	1.247	-1.355	0.172

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.680	-1.247	0.103	1.384	-1.508	0.138	1.518	-1.699	0.172
1.742	-1.386	0.103	1.453	-1.595	0.138	1.587	-1.127	0.172
1.890	-2.180	0.103	1.185	-0.306	0.138	1.424	-0.782	0.172
1.918	-2.209	0.103	1.436	-0.774	0.138	1.179	-0.316	0.172
2.046	-2.149	0.103	1.495	-0.894	0.138	1.313	-1.437	0.172
1.846	-1.626	0.103	1.609	-1.132	0.138	1.254	-0.453	0.172
1.849	-2.120	0.103	1.534	-1.701	0.138	1.369	-1.506	0.172
1.904	-2.198	0.103	1.384	-0.672	0.138	1.443	-1.602	0.172
1.463	-1.594	0.103	1.614	-1.807	0.138	1.487	-0.913	0.172
1.968	-2.221	0.103	1.552	-1.013	0.138	1.358	-0.652	0.172
1.933	-2.216	0.103	1.260	-1.358	0.138	1.179	-1.273	0.172
1.397	-1.513	0.103	1.313	-0.539	0.138	1.304	-0.547	0.172
2.042	-2.110	0.103	1.854	-2.147	0.138	1.592	-1.797	0.172
1.893	-1.739	0.103	1.968	-2.219	0.138	2.004	-2.169	0.172
1.272	-1.363	0.103	1.950	-2.222	0.138	2.001	-2.112	0.172
1.863	-2.140	0.103	1.837	-2.121	0.138	1.735	-1.994	0.172
1.446	-0.765	0.103	2.027	-2.150	0.138	1.647	-1.260	0.172
2.041	-2.168	0.103	1.933	-2.220	0.138	1.774	-2.049	0.172
1.549	-1.704	0.103	1.715	-1.369	0.138	1.706	-1.393	0.172
1.994	-1.986	0.103	1.771	-1.497	0.138	1.873	-2.193	0.172
1.950	-2.221	0.103	1.751	-1.996	0.138	2.006	-2.131	0.172
1.986	-2.218	0.103	1.948	-1.924	0.138	1.900	-2.215	0.172
1.877	-2.160	0.103	1.902	-2.207	0.138	1.886	-2.205	0.172
2.018	-2.200	0.103	1.916	-2.216	0.138	1.983	-2.202	0.172
1.695	-1.900	0.103	2.022	-2.168	0.138	1.916	-2.220	0.172
1.630	-1.140	0.103	2.000	-2.201	0.138	1.967	-2.213	0.172
2.006	-2.018	0.103	1.664	-1.254	0.138	1.664	-1.895	0.172
1.267	-0.431	0.103	2.021	-2.111	0.138	1.803	-1.619	0.172
2.046	-2.130	0.103	1.826	-1.625	0.138	1.995	-2.187	0.172
1.633	-1.815	0.103	2.011	-2.081	0.138	1.951	-2.219	0.172
1.789	-1.492	0.103	1.871	-2.172	0.138	1.839	-2.144	0.172
1.836	-2.099	0.103	2.013	-2.186	0.138	1.753	-1.502	0.172
1.566	-1.005	0.103	1.974	-1.988	0.138	1.985	-2.072	0.172
2.002	-2.211	0.103	1.680	-1.897	0.138	1.905	-1.867	0.172
1.321	-0.529	0.103	1.998	-2.050	0.138	1.855	-1.745	0.172
2.031	-2.185	0.103	1.820	-2.096	0.138	2.007	-2.150	0.172
1.944	-1.863	0.103	2.026	-2.131	0.138	1.822	-2.119	0.172
2.032	-2.080	0.103	1.925	-1.865	0.138	1.933	-2.222	0.172
1.510	-0.891	0.103	1.985	-2.212	0.138	1.969	-2.031	0.172
1.766	-1.999	0.103	1.986	-2.019	0.138	1.804	-2.093	0.172
1.189	-0.296	0.103	1.888	-2.195	0.138	1.856	-2.169	0.172
2.019	-2.049	0.103	1.874	-1.742	0.138	1.953	-1.990	0.172
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.659	0.547	0.207	-1.574	0.781	0.241	-1.459	0.954	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.345	1.039	0.207	-1.597	0.450	0.241	-1.420	0.996	0.276
-1.398	0.343	0.207	-1.532	0.419	0.241	-1.560	0.816	0.276
-1.453	0.932	0.207	-1.634	0.647	0.241	-1.557	0.473	0.276
-1.472	0.360	0.207	-1.566	0.432	0.241	-1.633	0.567	0.276
-1.435	0.351	0.207	-1.615	0.465	0.241	-1.611	0.715	0.276
-1.525	0.842	0.207	-1.601	0.730	0.241	-1.529	0.864	0.276
-1.614	0.694	0.207	-1.267	1.114	0.241	-1.634	0.622	0.276
-1.545	0.380	0.207	-1.459	0.400	0.241	-1.528	0.461	0.276
-1.579	0.393	0.207	-1.646	0.529	0.241	-1.371	0.425	0.276
-1.310	0.326	0.207	-1.639	0.506	0.241	-1.588	0.767	0.276
-1.653	0.467	0.207	-1.208	0.350	0.241	-1.366	1.048	0.276
-1.401	0.987	0.207	-0.774	0.249	0.241	-1.498	0.452	0.276
-1.646	0.610	0.207	0.160	0.993	0.241	-1.402	0.431	0.276
-1.658	0.491	0.207	0.080	1.053	0.241	-1.616	0.522	0.276
-1.628	0.427	0.207	-0.624	1.316	0.241	-1.601	0.504	0.276
-1.661	0.516	0.207	-0.114	-0.048	0.241	-1.308	1.097	0.276
-1.643	0.446	0.207	-0.658	0.211	0.241	-1.635	0.591	0.276
-1.588	0.745	0.207	-0.699	1.316	0.241	-1.466	0.445	0.276
-1.610	0.412	0.207	-0.091	1.160	0.241	-1.626	0.544	0.276
-1.558	0.795	0.207	-1.437	0.964	0.241	-1.434	0.438	0.276
-1.490	0.888	0.207	0.083	-0.183	0.241	-1.621	0.684	0.276
-1.285	1.087	0.207	-0.398	1.283	0.241	-1.584	0.489	0.276
-1.509	0.369	0.207	-0.543	0.169	0.241	-1.495	0.910	0.276
-1.654	0.579	0.207	-0.849	1.298	0.241	-1.629	0.654	0.276
-1.636	0.641	0.207	-1.383	1.018	0.241	-1.247	1.141	0.276
-1.221	0.310	0.207	-0.996	1.257	0.241	-0.984	0.346	0.276
-1.157	1.171	0.207	-1.068	1.228	0.241	-0.880	0.320	0.276
-0.871	1.284	0.207	-0.217	0.013	0.241	-1.116	1.218	0.276
-1.063	0.280	0.207	-1.137	1.195	0.241	-0.975	1.276	0.276
-0.905	0.245	0.207	-1.296	0.366	0.241	-1.184	1.181	0.276
-0.786	0.214	0.207	-1.384	0.384	0.241	-1.046	1.250	0.276
-1.018	1.238	0.207	-1.421	0.392	0.241	-1.089	0.370	0.276
-1.223	1.131	0.207	-0.431	0.122	0.241	-0.827	1.313	0.276
-0.945	1.264	0.207	-1.327	1.068	0.241	-1.194	0.391	0.276
-0.796	1.298	0.207	-0.180	1.205	0.241	-0.901	1.297	0.276
-1.089	1.207	0.207	-0.015	-0.113	0.241	-0.752	1.322	0.276
0.067	1.059	0.207	-0.473	1.300	0.241	-0.379	1.286	0.276
-0.416	1.282	0.207	-1.629	0.484	0.241	-0.314	0.097	0.276
-0.668	0.179	0.207	-1.647	0.585	0.241	-0.763	0.285	0.276
-0.019	-0.132	0.207	-0.324	1.262	0.241	-0.010	-0.094	0.276
-0.017	1.114	0.207	-0.893	0.281	0.241	0.091	1.047	0.276
-0.569	1.305	0.207	-0.774	1.310	0.241	-0.306	1.262	0.276
-0.329	0.044	0.207	-1.642	0.616	0.241	-0.210	0.038	0.276
-0.105	1.164	0.207	-1.544	0.830	0.241	-0.453	1.304	0.276
-0.553	0.139	0.207	-1.648	0.554	0.241	-0.602	1.324	0.276
-0.341	1.262	0.207	-0.251	1.236	0.241	-0.077	1.156	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.440	0.094	0.207	-0.322	0.069	0.241	-0.533	0.201	0.276
0.149	1.000	0.207	-1.204	1.156	0.241	-0.165	1.203	0.276
-0.223	-0.010	0.207	-1.496	0.409	0.241	-0.235	1.235	0.276
-0.196	1.208	0.207	-1.475	0.921	0.241	-0.647	0.246	0.276
-0.268	1.237	0.207	-0.548	1.311	0.241	0.009	1.104	0.276
0.080	-0.200	0.207	-1.624	0.678	0.241	-0.422	0.152	0.276
-0.645	1.308	0.207	-1.050	0.318	0.241	-0.109	-0.026	0.276
-0.721	1.306	0.207	-0.923	1.280	0.241	-0.677	1.326	0.276
-0.120	-0.069	0.207	-1.511	0.876	0.241	0.171	0.986	0.276
-0.492	1.296	0.207	-0.004	1.109	0.241	0.086	-0.166	0.276
0.518	-0.566	0.207	1.035	-1.135	0.241	-0.528	1.317	0.276
0.720	-0.767	0.207	1.092	-1.204	0.241	1.076	-0.198	0.276
1.044	-1.128	0.207	0.258	0.911	0.241	0.509	-0.548	0.276
0.413	-0.469	0.207	0.730	0.375	0.241	0.730	0.365	0.276
0.627	0.517	0.207	0.824	0.238	0.241	0.359	0.816	0.276
0.194	-0.285	0.207	0.842	-0.907	0.241	0.911	0.088	0.276
1.090	-0.179	0.207	0.614	-0.658	0.241	0.529	0.627	0.276
0.982	-1.056	0.207	0.525	0.637	0.241	0.267	0.903	0.276
0.620	-0.665	0.207	1.153	-1.279	0.241	0.822	0.228	0.276
0.919	-0.983	0.207	1.163	-0.334	0.241	0.408	-0.447	0.276
1.108	-1.204	0.207	1.484	-1.700	0.241	0.995	-0.054	0.276
0.520	0.646	0.207	1.506	-1.035	0.241	0.703	-0.758	0.276
0.305	-0.375	0.207	1.899	-2.223	0.241	1.029	-1.147	0.276
0.825	0.247	0.207	1.933	-2.215	0.241	0.830	-0.905	0.276
0.433	0.741	0.207	1.882	-2.221	0.241	0.607	-0.652	0.276
0.343	0.832	0.207	1.864	-1.874	0.241	0.304	-0.350	0.276
0.248	0.919	0.207	1.701	-1.992	0.241	0.878	-0.962	0.276
0.853	-0.910	0.207	1.969	-2.153	0.241	1.076	-1.205	0.276
1.005	-0.034	0.207	1.768	-1.639	0.241	0.197	-0.255	0.276
0.917	0.108	0.207	1.867	-2.214	0.241	1.124	-1.266	0.276
0.728	0.384	0.207	1.772	-2.091	0.241	0.954	-1.054	0.276
1.164	-1.272	0.207	1.567	-1.171	0.241	0.632	0.498	0.276
1.522	-1.027	0.207	1.349	-0.699	0.241	0.446	0.723	0.276
1.411	-0.791	0.207	0.630	0.508	0.241	1.490	-1.043	0.276
1.584	-1.809	0.207	1.853	-2.204	0.241	1.197	-1.357	0.276
1.231	-1.354	0.207	1.815	-1.753	0.241	1.314	-0.663	0.276
1.298	-1.438	0.207	1.841	-2.190	0.241	1.317	-1.510	0.276
1.450	-0.874	0.207	1.796	-2.125	0.241	1.382	-1.594	0.276
1.231	-0.436	0.207	1.912	-1.995	0.241	1.382	-0.808	0.276
1.353	-1.507	0.207	0.351	0.824	0.241	1.154	-0.344	0.276
1.355	-0.677	0.207	1.084	-0.188	0.241	1.229	-0.490	0.276
1.417	-1.590	0.207	1.966	-2.134	0.241	1.271	-0.575	0.276
1.592	-1.182	0.207	1.283	-0.565	0.241	1.541	-1.159	0.276
1.172	-0.325	0.207	0.968	-1.055	0.241	1.548	-1.811	0.276
1.501	-1.699	0.207	1.947	-2.204	0.241	1.450	-0.954	0.276
1.294	-0.556	0.207	0.915	0.098	0.241	1.465	-1.702	0.276

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.789	-2.092	0.207	1.629	-1.894	0.241	1.269	-1.449	0.276
1.647	-1.894	0.207	1.335	-1.508	0.241	1.899	-2.223	0.276
1.884	-1.870	0.207	0.305	-0.362	0.241	1.756	-2.091	0.276
1.870	-2.204	0.207	1.959	-2.189	0.241	1.779	-2.124	0.276
1.835	-1.749	0.207	0.900	-0.975	0.241	1.825	-2.190	0.276
1.899	-2.221	0.207	1.215	-0.433	0.241	1.915	-2.217	0.276
1.933	-1.992	0.207	1.275	-1.432	0.241	1.646	-1.402	0.276
1.985	-2.170	0.207	1.612	-1.273	0.241	1.882	-2.225	0.276
1.734	-1.507	0.207	1.397	-0.799	0.241	1.594	-1.280	0.276
1.988	-2.152	0.207	1.936	-2.055	0.241	1.929	-2.206	0.276
1.965	-2.203	0.207	1.214	-1.356	0.241	1.892	-1.998	0.276
1.630	-1.266	0.207	0.196	-0.270	0.241	1.611	-1.895	0.276
1.916	-2.222	0.207	1.444	-0.900	0.241	1.946	-2.137	0.276
1.933	-2.220	0.207	1.819	-2.158	0.241	1.865	-2.222	0.276
1.812	-2.126	0.207	1.715	-1.512	0.241	1.940	-2.191	0.276
1.835	-2.159	0.207	1.398	-1.589	0.241	1.743	-1.630	0.276
1.950	-2.214	0.207	0.514	-0.557	0.241	1.947	-2.174	0.276
1.949	-2.033	0.207	1.737	-2.041	0.241	1.844	-1.878	0.276
1.857	-2.191	0.207	1.661	-1.386	0.241	1.795	-1.758	0.276
1.883	-2.214	0.207	0.440	0.732	0.241	1.837	-2.204	0.276
1.718	-1.993	0.207	0.712	-0.762	0.241	1.696	-1.518	0.276
1.964	-2.073	0.207	1.960	-2.115	0.241	1.915	-2.058	0.276
1.798	-1.658	0.207	1.916	-2.221	0.241	1.949	-2.156	0.276
1.980	-2.113	0.207	1.001	-0.044	0.241	1.684	-1.993	0.276
1.669	-1.356	0.207	1.966	-2.172	0.241	1.939	-2.118	0.276
1.986	-2.133	0.207	0.411	-0.458	0.241	1.802	-2.157	0.276
1.977	-2.188	0.207	1.569	-1.813	0.241	1.850	-2.215	0.276
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.603	0.561	0.310	-1.602	0.729	0.345	-1.566	0.827	0.379
-1.571	0.527	0.310	-1.505	0.539	0.345	-1.362	1.090	0.379
-1.347	1.078	0.310	-1.327	1.108	0.345	-1.594	0.738	0.379
-1.545	0.512	0.310	-1.268	1.153	0.345	-1.578	0.798	0.379
-1.227	1.168	0.310	-1.592	0.600	0.345	-1.581	0.640	0.379
-1.454	0.484	0.310	-1.411	0.517	0.345	-1.441	1.011	0.379
-1.390	0.471	0.310	-1.496	0.933	0.345	-1.402	0.554	0.379
-1.589	0.543	0.310	-1.578	0.582	0.345	-1.305	1.137	0.379
-1.597	0.752	0.310	-1.534	0.551	0.345	-1.370	0.549	0.379
-1.623	0.630	0.310	-1.558	0.839	0.345	-1.541	0.876	0.379
-1.485	0.492	0.310	-1.460	0.977	0.345	-1.249	0.531	0.379
-1.621	0.660	0.310	-1.610	0.668	0.345	-1.511	0.923	0.379
-1.614	0.582	0.310	-1.528	0.888	0.345	-1.588	0.768	0.379
-1.441	0.987	0.310	-1.347	0.505	0.345	-1.403	1.051	0.379
-1.516	0.500	0.310	-1.602	0.621	0.345	-1.595	0.684	0.379
-1.620	0.605	0.310	-1.608	0.644	0.345	-1.434	0.561	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.422	0.478	0.310	-1.608	0.699	0.345	-1.477	0.968	0.379
-1.402	1.027	0.310	-1.383	1.059	0.345	-1.245	1.180	0.379
-1.289	1.125	0.310	-1.593	0.759	0.345	-1.567	0.621	0.379
-1.616	0.691	0.310	-1.582	0.789	0.345	-1.525	0.589	0.379
-1.513	0.899	0.310	-1.423	1.019	0.345	-1.597	0.708	0.379
-1.478	0.944	0.310	-1.443	0.523	0.345	-1.496	0.577	0.379
-1.545	0.852	0.310	-1.379	0.511	0.345	-1.338	0.544	0.379
-1.274	0.450	0.310	-1.475	0.530	0.345	-1.466	0.568	0.379
-1.608	0.722	0.310	-1.560	0.566	0.345	-1.590	0.661	0.379
-1.358	0.465	0.310	-0.856	0.405	0.345	-1.551	0.606	0.379
-1.573	0.803	0.310	-1.141	1.230	0.345	-1.117	1.253	0.379
-1.163	1.206	0.310	-1.170	0.476	0.345	-0.905	1.328	0.379
-1.024	1.270	0.310	-0.960	0.432	0.345	-1.183	1.219	0.379
-1.095	1.241	0.310	-1.205	1.194	0.345	-0.844	0.451	0.379
-0.879	1.314	0.310	-1.072	1.262	0.345	-1.054	0.501	0.379
-0.804	1.327	0.310	-1.065	0.456	0.345	-0.832	1.342	0.379
-1.076	0.412	0.310	-0.781	1.339	0.345	-1.160	0.519	0.379
-1.182	0.433	0.310	-0.856	1.329	0.345	-0.978	1.308	0.379
-0.972	0.388	0.310	-0.929	1.312	0.345	-1.048	1.283	0.379
-0.952	1.295	0.310	-1.002	1.290	0.345	-0.949	0.478	0.379
-0.868	0.361	0.310	-0.413	1.309	0.345	0.002	-0.022	0.379
0.021	1.098	0.310	-0.625	0.324	0.345	-0.502	0.315	0.379
-0.289	1.262	0.310	-0.201	1.230	0.345	-0.092	0.054	0.379
-0.360	1.287	0.310	-0.270	1.260	0.345	0.123	1.021	0.379
-0.103	-0.002	0.310	-0.486	1.326	0.345	-0.252	1.256	0.379
0.088	-0.147	0.310	-0.049	1.145	0.345	-0.611	1.350	0.379
-0.523	0.236	0.310	-0.560	1.337	0.345	-0.758	1.350	0.379
-0.219	1.233	0.310	0.113	1.031	0.345	-0.728	0.412	0.379
-0.656	1.336	0.310	-0.134	1.195	0.345	-0.321	1.285	0.379
-0.751	0.325	0.310	-0.633	1.344	0.345	-0.184	1.224	0.379
-0.433	1.307	0.310	-0.196	0.094	0.345	-0.117	1.188	0.379
-0.203	0.064	0.310	0.090	-0.125	0.345	-0.034	1.137	0.379
0.180	0.978	0.310	-0.513	0.275	0.345	-0.392	1.309	0.379
-0.636	0.283	0.310	-0.002	-0.048	0.345	-0.537	1.341	0.379
-0.306	0.126	0.310	-0.707	1.344	0.345	-0.684	1.353	0.379
-0.581	1.332	0.310	0.033	1.090	0.345	-0.189	0.126	0.379
-0.413	0.184	0.310	-0.341	1.287	0.345	-0.394	0.257	0.379
-0.730	1.334	0.310	-0.098	0.025	0.345	-0.613	0.367	0.379
-0.150	1.200	0.310	-0.297	0.159	0.345	-0.289	0.194	0.379
-0.507	1.322	0.310	-0.404	0.219	0.345	-0.465	1.328	0.379
0.102	1.040	0.310	-0.739	0.367	0.345	0.046	1.081	0.379
-0.063	1.152	0.310	0.834	-0.934	0.345	0.092	-0.101	0.379
-0.006	-0.072	0.310	0.920	-1.044	0.345	0.489	-0.514	0.379
0.940	-1.054	0.310	1.132	-1.319	0.345	0.971	-0.092	0.379
1.068	-0.209	0.310	1.133	-0.367	0.345	0.739	-0.821	0.379
0.404	-0.436	0.310	0.197	-0.221	0.345	1.036	-1.211	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.197	-0.239	0.310	0.983	-1.126	0.345	0.297	-0.302	0.379
0.633	0.487	0.310	0.453	0.702	0.345	0.902	-1.034	0.379
0.999	-1.129	0.310	0.980	-0.078	0.345	0.630	0.460	0.379
0.365	0.806	0.310	0.682	-0.745	0.345	0.671	-0.735	0.379
0.599	-0.645	0.310	1.058	-0.222	0.345	0.197	-0.200	0.379
1.144	-0.355	0.310	0.189	0.969	0.345	0.373	0.782	0.379
0.503	-0.539	0.310	0.815	0.204	0.345	1.115	-1.316	0.379
0.450	0.713	0.310	0.369	0.795	0.345	0.197	0.957	0.379
0.754	-0.825	0.310	0.726	0.341	0.345	1.121	-0.381	0.379
0.532	0.617	0.310	0.632	0.475	0.345	0.892	0.049	0.379
0.275	0.894	0.310	0.300	-0.320	0.345	0.455	0.688	0.379
0.819	0.217	0.310	0.533	0.605	0.345	0.809	0.189	0.379
1.068	-1.216	0.310	0.400	-0.422	0.345	0.581	-0.624	0.379
0.988	-0.065	0.310	0.281	0.884	0.345	0.968	-1.121	0.379
0.302	-0.336	0.310	0.899	0.064	0.345	0.821	-0.927	0.379
0.728	0.354	0.310	0.748	-0.825	0.345	0.395	-0.407	0.379
0.906	0.077	0.310	1.047	-1.208	0.345	0.533	0.590	0.379
0.693	-0.752	0.310	0.496	-0.528	0.345	1.047	-0.236	0.379
0.848	-0.939	0.310	0.590	-0.635	0.345	0.722	0.326	0.379
1.149	-1.320	0.310	1.313	-0.742	0.345	0.287	0.872	0.379
1.299	-1.512	0.310	1.429	-1.704	0.345	1.497	-1.203	0.379
1.368	-0.818	0.310	1.281	-1.512	0.345	1.383	-0.940	0.379
1.447	-1.704	0.310	1.349	-1.601	0.345	1.541	-1.304	0.379
1.473	-1.052	0.310	1.457	-1.061	0.345	1.342	-1.614	0.379
1.534	-1.818	0.310	1.508	-1.808	0.345	1.440	-1.071	0.379
1.319	-0.714	0.310	1.558	-1.296	0.345	1.337	-0.840	0.379
1.359	-1.590	0.310	1.245	-0.596	0.345	1.172	-0.485	0.379
1.195	-0.457	0.310	1.513	-1.190	0.345	1.479	-1.795	0.379
1.230	-1.424	0.310	1.217	-1.430	0.345	1.231	-0.609	0.379
1.532	-1.185	0.310	1.175	-0.452	0.345	1.263	-1.510	0.379
1.414	-0.919	0.310	1.353	-0.828	0.345	1.195	-1.421	0.379
1.258	-0.585	0.310	1.400	-0.933	0.345	1.289	-0.734	0.379
1.739	-2.092	0.310	1.721	-2.093	0.345	1.556	-1.898	0.379
1.895	-2.061	0.310	1.899	-2.124	0.345	1.411	-1.704	0.379
1.930	-2.158	0.310	1.903	-2.196	0.345	1.702	-2.095	0.379
1.677	-1.525	0.310	1.829	-2.226	0.345	1.873	-2.214	0.379
1.919	-2.120	0.310	1.875	-2.064	0.345	1.810	-2.229	0.379
1.928	-2.177	0.310	1.794	-1.862	0.345	1.827	-2.232	0.379
1.666	-1.994	0.310	1.906	-2.143	0.345	1.891	-2.165	0.379
1.819	-2.205	0.310	1.846	-2.229	0.345	1.855	-2.068	0.379
1.824	-1.882	0.310	1.658	-1.531	0.345	1.587	-1.413	0.379
1.881	-2.225	0.310	1.878	-2.221	0.345	1.640	-1.539	0.379
1.926	-2.140	0.310	1.851	-2.005	0.345	1.782	-2.209	0.379
1.775	-1.763	0.310	1.790	-2.192	0.345	1.737	-1.774	0.379
1.593	-1.896	0.310	1.826	-1.943	0.345	1.726	-2.128	0.379
1.897	-2.219	0.310	1.814	-2.218	0.345	1.832	-2.009	0.379

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.615	-1.378	0.310	1.910	-2.161	0.345	1.859	-2.225	0.379
1.911	-2.208	0.310	1.862	-2.227	0.345	1.890	-2.183	0.379
1.871	-2.001	0.310	1.714	-1.666	0.345	1.795	-2.221	0.379
1.848	-2.224	0.310	1.768	-2.159	0.345	1.843	-2.231	0.379
1.864	-2.226	0.310	1.575	-1.897	0.345	1.629	-1.996	0.379
1.786	-2.158	0.310	1.601	-1.397	0.345	1.884	-2.200	0.379
1.762	-2.125	0.310	1.756	-1.768	0.345	1.887	-2.146	0.379
1.922	-2.194	0.310	1.801	-2.207	0.345	1.749	-2.161	0.379
1.832	-2.216	0.310	1.909	-2.180	0.345	1.771	-2.194	0.379
1.738	-1.672	0.310	1.892	-2.211	0.345	1.879	-2.128	0.379
1.576	-1.288	0.310	1.745	-2.126	0.345	1.785	-1.892	0.379
1.808	-2.190	0.310	1.648	-1.995	0.345	1.692	-1.664	0.379
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.382	1.084	0.414	-1.550	0.701	0.448	-1.559	0.829	0.483
-1.580	0.778	0.414	-1.572	0.765	0.448	-1.481	0.998	0.483
-1.542	0.645	0.414	-1.398	0.630	0.448	-1.297	1.184	0.483
-1.573	0.807	0.414	-1.435	0.638	0.448	-1.348	1.143	0.483
-1.584	0.724	0.414	-1.260	1.195	0.448	-1.354	0.661	0.483
-1.283	1.166	0.414	-1.558	0.847	0.448	-1.238	1.225	0.483
-1.488	0.615	0.414	-1.566	0.818	0.448	-1.396	1.098	0.483
-1.458	0.605	0.414	-1.473	0.996	0.448	-1.552	0.859	0.483
-1.222	1.207	0.414	-1.534	0.685	0.448	-1.558	0.783	0.483
-1.516	0.628	0.414	-1.400	1.078	0.448	-1.316	0.657	0.483
-1.579	0.701	0.414	-1.569	0.742	0.448	-1.391	0.666	0.483
-1.362	0.586	0.414	-1.318	1.152	0.448	-1.441	1.050	0.483
-1.562	0.837	0.414	-1.323	0.620	0.448	-1.516	0.943	0.483
-1.241	0.572	0.414	-1.571	0.788	0.448	-1.464	0.687	0.483
-1.340	1.120	0.414	-1.533	0.904	0.448	-1.497	0.704	0.483
-1.550	0.865	0.414	-1.505	0.951	0.448	-1.552	0.761	0.483
-1.330	0.582	0.414	-1.438	1.038	0.448	-1.543	0.888	0.483
-1.458	1.003	0.414	-1.471	0.649	0.448	-1.541	0.742	0.483
-1.394	0.591	0.414	-1.232	0.612	0.448	-1.428	0.675	0.483
-1.492	0.959	0.414	-1.546	0.876	0.448	-1.526	0.726	0.483
-1.426	0.598	0.414	-1.562	0.720	0.448	-1.560	0.806	0.483
-1.584	0.748	0.414	-1.504	0.665	0.448	-1.224	0.653	0.483
-1.571	0.680	0.414	-1.361	0.624	0.448	-1.531	0.916	0.483
-1.421	1.044	0.414	-1.360	1.116	0.448	-0.887	0.617	0.483
-1.523	0.913	0.414	-1.134	1.268	0.448	-0.829	1.371	0.483
-1.558	0.661	0.414	-0.820	0.547	0.448	-1.110	1.294	0.483
-1.024	1.303	0.414	-0.854	1.357	0.448	-0.973	1.343	0.483
-1.159	1.243	0.414	-1.060	0.597	0.448	-1.132	0.648	0.483
-1.093	1.275	0.414	-0.899	0.568	0.448	-1.050	0.642	0.483
-1.151	0.562	0.414	-1.141	0.605	0.448	-0.807	0.597	0.483
-0.807	1.354	0.414	-0.927	1.342	0.448	-1.043	1.321	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.880	1.343	0.414	-1.198	1.234	0.448	-0.968	0.632	0.483
-1.043	0.547	0.414	-1.068	1.298	0.448	-1.175	1.262	0.483
-0.833	0.498	0.414	-0.998	1.323	0.448	-0.902	1.360	0.483
-0.953	1.325	0.414	-0.781	1.365	0.448	-0.073	1.159	0.483
-0.937	0.526	0.414	-0.979	0.585	0.448	0.006	1.102	0.483
-0.545	0.386	0.414	-0.442	0.382	0.448	-0.480	0.457	0.483
0.094	-0.075	0.414	-0.080	0.118	0.448	0.013	0.067	0.483
-0.733	1.360	0.414	0.071	1.054	0.448	-0.756	1.377	0.483
-0.587	1.354	0.414	-0.635	1.366	0.448	-0.313	1.292	0.483
-0.233	1.250	0.414	0.009	0.036	0.448	0.081	1.041	0.483
0.005	0.007	0.414	0.096	-0.049	0.448	0.153	0.976	0.483
0.058	1.069	0.414	-0.355	0.328	0.448	-0.682	1.377	0.483
0.132	1.008	0.414	-0.173	0.196	0.448	-0.559	0.499	0.483
-0.515	1.344	0.414	-0.563	1.357	0.448	-0.150	1.209	0.483
-0.086	0.086	0.414	-0.086	1.169	0.448	-0.722	0.569	0.483
-0.166	1.217	0.414	-0.626	0.476	0.448	-0.610	1.371	0.483
-0.279	0.231	0.414	0.144	0.991	0.448	-0.166	0.233	0.483
-0.443	1.328	0.414	-0.006	1.114	0.448	-0.639	0.536	0.483
-0.181	0.161	0.414	-0.532	0.432	0.448	-0.405	0.411	0.483
-0.735	0.466	0.414	-0.421	1.326	0.448	0.097	-0.021	0.483
-0.365	0.287	0.414	-0.491	1.344	0.448	-0.331	0.362	0.483
-0.660	1.360	0.414	-0.722	0.515	0.448	-0.260	0.309	0.483
-0.639	0.429	0.414	-0.165	1.217	0.448	-0.468	1.345	0.483
-0.101	1.179	0.414	-0.333	1.296	0.448	-0.539	1.360	0.483
-0.371	1.307	0.414	-0.270	0.270	0.448	-0.399	1.324	0.483
-0.301	1.281	0.414	-0.707	1.368	0.448	-0.075	0.151	0.483
-0.020	1.126	0.414	-0.248	1.260	0.448	-0.230	1.253	0.483
-0.454	0.339	0.414	0.439	-0.438	0.448	0.538	-0.558	0.483
0.717	0.309	0.414	0.546	-0.574	0.448	0.885	-1.037	0.483
0.884	0.032	0.414	0.932	-1.094	0.448	0.962	-1.145	0.483
1.100	-1.312	0.414	0.876	0.010	0.448	0.882	-0.036	0.483
0.802	0.172	0.414	0.967	-0.157	0.448	0.325	-0.284	0.483
0.627	0.443	0.414	0.703	0.303	0.448	1.084	-0.429	0.483
0.809	-0.919	0.414	0.845	-0.974	0.448	0.929	-0.123	0.483
0.456	0.671	0.414	0.752	-0.847	0.448	0.641	-0.697	0.483
0.533	0.573	0.414	1.037	-1.239	0.448	0.222	0.909	0.483
1.109	-0.396	0.414	0.215	0.925	0.448	0.697	0.284	0.483
0.390	-0.390	0.414	1.054	-0.327	0.448	1.086	-1.319	0.483
1.036	-0.252	0.414	0.215	-0.175	0.448	0.617	0.409	0.483
0.572	-0.611	0.414	1.093	-0.405	0.448	0.743	-0.838	0.483
0.204	0.943	0.414	0.444	0.669	0.448	0.288	0.838	0.483
0.661	-0.724	0.414	0.535	0.550	0.448	0.533	0.531	0.483
0.292	0.857	0.414	0.349	0.783	0.448	0.834	0.051	0.483
0.954	-1.115	0.414	0.621	0.428	0.448	0.985	-0.231	0.483
0.961	-0.109	0.414	0.283	0.855	0.448	0.773	0.157	0.483
1.022	-1.207	0.414	1.138	-0.498	0.448	0.445	0.650	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.196	-0.177	0.414	1.143	-1.384	0.448	0.213	-0.151	0.483
0.376	0.766	0.414	0.781	0.176	0.448	1.024	-1.232	0.483
0.482	-0.499	0.414	0.651	-0.711	0.448	0.433	-0.420	0.483
0.294	-0.282	0.414	0.329	-0.305	0.448	0.833	-0.964	0.483
1.425	-1.083	0.414	1.376	-1.019	0.448	1.122	-0.508	0.483
1.524	-1.314	0.414	1.437	-1.160	0.448	0.352	0.766	0.483
1.369	-0.957	0.414	1.251	-0.741	0.448	1.040	-0.341	0.483
1.393	-1.703	0.414	1.345	-0.948	0.448	1.428	-1.185	0.483
1.318	-1.603	0.414	1.457	-1.811	0.448	1.235	-0.750	0.483
1.479	-1.209	0.414	1.376	-1.701	0.448	1.492	-1.336	0.483
1.218	-0.623	0.414	1.296	-1.591	0.448	1.361	-1.032	0.483
1.323	-0.852	0.414	1.231	-1.503	0.448	1.280	-1.588	0.483
1.156	-0.492	0.414	1.508	-1.325	0.448	1.502	-1.899	0.483
1.246	-1.507	0.414	1.182	-0.592	0.448	1.548	-1.469	0.483
1.468	-1.803	0.414	1.298	-0.845	0.448	1.216	-1.499	0.483
1.178	-1.416	0.414	1.219	-0.671	0.448	1.360	-1.699	0.483
1.538	-1.899	0.414	1.520	-1.899	0.448	1.163	-1.426	0.483
1.278	-0.754	0.414	1.819	-2.233	0.448	1.179	-0.629	0.483
1.870	-2.187	0.414	1.742	-2.216	0.448	1.439	-1.810	0.483
1.751	-2.197	0.414	1.844	-2.208	0.448	1.271	-0.830	0.483
1.860	-2.132	0.414	1.592	-1.999	0.448	1.749	-2.240	0.483
1.766	-1.898	0.414	1.825	-2.098	0.448	1.721	-2.220	0.483
1.676	-1.676	0.414	1.663	-2.099	0.448	1.766	-2.244	0.483
1.824	-2.234	0.414	1.786	-2.240	0.448	1.807	-2.104	0.483
1.813	-2.014	0.414	1.731	-2.201	0.448	1.621	-1.643	0.483
1.719	-1.781	0.414	1.578	-1.491	0.448	1.692	-1.817	0.483
1.840	-2.229	0.414	1.770	-2.236	0.448	1.813	-2.227	0.483
1.622	-1.547	0.414	1.794	-2.020	0.448	1.777	-2.027	0.483
1.729	-2.164	0.414	1.736	-1.874	0.448	1.573	-2.000	0.483
1.683	-2.097	0.414	1.637	-1.634	0.448	1.734	-2.232	0.483
1.762	-2.212	0.414	1.833	-2.118	0.448	1.823	-2.143	0.483
1.864	-2.203	0.414	1.841	-2.137	0.448	1.799	-2.237	0.483
1.707	-2.130	0.414	1.803	-2.239	0.448	1.831	-2.197	0.483
1.790	-2.232	0.414	1.687	-2.133	0.448	1.689	-2.171	0.483
1.775	-2.224	0.414	1.848	-2.156	0.448	1.666	-2.136	0.483
1.867	-2.151	0.414	1.852	-2.174	0.448	1.833	-2.179	0.483
1.611	-1.998	0.414	1.709	-2.167	0.448	1.783	-2.243	0.483
1.807	-2.236	0.414	1.851	-2.191	0.448	1.824	-2.213	0.483
1.854	-2.218	0.414	1.701	-1.789	0.448	1.746	-1.950	0.483
1.568	-1.418	0.414	1.833	-2.222	0.448	1.643	-2.102	0.483
1.844	-2.093	0.414	1.666	-1.704	0.448	1.830	-2.161	0.483
1.828	-2.053	0.414	1.755	-2.228	0.448	1.815	-2.124	0.483
1.871	-2.169	0.414	1.764	-1.943	0.448	1.710	-2.205	0.483

X	Y	Z'	X	Y	Z'	X	Y	Z'
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	0.646	0.517	-1.409	1.127	0.552	-1.521	0.954	0.586
-0.876	0.665	0.517	-1.522	0.825	0.552	-1.120	1.354	0.586
-0.732	1.389	0.517	-1.339	0.736	0.552	-1.246	1.289	0.586
-1.329	1.178	0.517	-0.784	0.694	0.552	-0.773	0.741	0.586
-1.347	0.698	0.517	-1.261	1.252	0.552	-1.520	0.886	0.586
-1.123	0.691	0.517	-1.208	0.733	0.552	-0.697	0.718	0.586
-1.217	1.256	0.517	-1.523	0.951	0.552	-1.511	0.866	0.586
-1.536	0.909	0.517	-1.508	0.807	0.552	-1.300	1.252	0.586
-1.154	1.291	0.517	-1.200	1.290	0.552	-1.438	0.804	0.586
-0.950	1.364	0.517	-0.698	0.667	0.552	-1.524	0.931	0.586
-1.548	0.825	0.517	-1.115	0.733	0.552	-1.470	0.824	0.586
-1.216	0.693	0.517	-1.480	0.783	0.552	-0.841	1.420	0.586
-0.806	1.386	0.517	-1.532	0.844	0.552	-1.476	1.065	0.586
-1.278	1.217	0.517	-1.537	0.889	0.552	-1.403	0.790	0.586
-0.958	0.679	0.517	-0.713	1.404	0.552	-1.367	0.781	0.586
-1.021	1.345	0.517	-1.069	1.349	0.552	-0.768	1.423	0.586
-1.456	0.725	0.517	-0.858	1.398	0.552	-1.022	0.775	0.586
-1.532	0.783	0.517	-1.536	0.866	0.552	-1.511	0.992	0.586
-1.308	0.695	0.517	-1.363	1.172	0.552	-1.350	1.211	0.586
-1.424	1.088	0.517	-1.534	0.912	0.552	-1.524	0.908	0.586
-1.378	1.134	0.517	-1.313	1.214	0.552	-1.396	1.167	0.586
-0.878	1.378	0.517	-1.451	1.077	0.552	-1.329	0.776	0.586
-1.384	0.703	0.517	-0.930	1.387	0.552	-1.185	1.324	0.586
-1.501	0.983	0.517	-1.507	0.988	0.552	-0.913	1.412	0.586
-1.040	0.687	0.517	-1.031	0.732	0.552	-1.105	0.776	0.586
-1.089	1.320	0.517	-1.376	0.741	0.552	-1.439	1.118	0.586
-1.549	0.848	0.517	-1.413	0.751	0.552	-0.984	1.398	0.586
-0.709	0.618	0.517	-0.948	0.725	0.552	-1.053	1.379	0.586
-1.521	0.947	0.517	-1.136	1.322	0.552	-1.495	1.029	0.586
-1.465	1.037	0.517	-0.785	1.404	0.552	-0.856	0.759	0.586
-1.517	0.766	0.517	-1.300	0.734	0.552	-1.198	0.774	0.586
-1.421	0.712	0.517	-1.488	1.023	0.552	-1.291	0.774	0.586
-1.542	0.803	0.517	-1.448	0.764	0.552	-0.939	0.770	0.586
-1.489	0.743	0.517	-1.001	1.371	0.552	-1.497	0.848	0.586
-1.546	0.871	0.517	-0.866	0.713	0.552	-0.245	1.276	0.586
-0.626	0.585	0.517	-0.404	1.341	0.552	-0.483	0.616	0.586
-0.578	1.376	0.517	-0.065	0.217	0.552	-0.060	0.248	0.586
-0.420	1.338	0.517	-0.640	1.398	0.552	-0.623	0.689	0.586
-0.270	1.276	0.517	-0.560	1.385	0.552	-0.551	0.655	0.586
-0.546	0.546	0.517	-0.118	1.191	0.552	-0.696	1.420	0.586
-0.198	1.239	0.517	-0.242	0.387	0.552	-0.176	1.234	0.586
-0.128	1.196	0.517	-0.382	0.498	0.552	-0.144	0.339	0.586
-0.498	1.360	0.517	-0.328	1.310	0.552	0.098	0.059	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.070	0.184	0.517	-0.534	0.593	0.552	0.125	0.986	0.586
0.089	1.029	0.517	0.018	0.126	0.552	-0.110	1.189	0.586
-0.468	0.503	0.517	-0.151	0.304	0.552	0.042	1.065	0.586
-0.321	0.404	0.517	0.037	1.071	0.552	-0.466	1.373	0.586
-0.251	0.349	0.517	-0.186	1.235	0.552	-0.316	1.313	0.586
0.098	0.006	0.517	0.098	0.033	0.552	-0.292	0.477	0.586
-0.344	1.310	0.517	-0.481	1.366	0.552	-0.417	0.573	0.586
-0.393	0.455	0.517	0.122	0.993	0.552	-0.233	0.425	0.586
-0.659	1.386	0.517	-0.456	0.548	0.552	-0.353	0.526	0.586
-0.061	1.150	0.517	-0.614	0.633	0.552	-0.623	1.411	0.586
0.159	0.963	0.517	-0.052	1.144	0.552	0.021	0.155	0.586
0.016	0.097	0.517	-0.311	0.445	0.552	-0.544	1.395	0.586
-0.158	0.269	0.517	-0.256	1.275	0.552	-0.390	1.346	0.586
0.015	1.092	0.517	0.918	-1.101	0.552	-0.045	1.140	0.586
0.320	-0.263	0.517	0.203	0.911	0.552	0.520	0.490	0.586
0.872	-0.052	0.517	0.862	-0.065	0.552	0.674	0.242	0.586
0.292	0.823	0.517	0.353	0.737	0.552	0.412	-0.366	0.586
0.211	-0.127	0.517	0.606	0.378	0.552	0.204	0.903	0.586
0.822	-0.953	0.517	0.209	-0.103	0.552	0.599	0.367	0.586
0.912	-1.082	0.517	0.700	-0.783	0.552	0.747	0.116	0.586
0.444	0.634	0.517	0.280	0.825	0.552	0.512	-0.510	0.586
0.974	-0.247	0.517	0.526	0.500	0.552	0.899	-1.084	0.586
0.530	0.514	0.517	0.917	-0.171	0.552	0.988	-0.344	0.586
0.727	-0.818	0.517	0.419	-0.384	0.552	0.851	-0.075	0.586
0.863	-1.012	0.517	0.810	-0.942	0.552	0.695	-0.779	0.586
0.426	-0.402	0.517	0.962	-0.259	0.552	0.951	-0.269	0.586
0.354	0.750	0.517	0.621	-0.669	0.552	0.438	0.610	0.586
0.227	0.894	0.517	0.521	-0.526	0.552	0.279	0.816	0.586
0.612	0.391	0.517	0.683	0.253	0.552	0.310	-0.222	0.586
0.690	0.267	0.517	0.805	0.040	0.552	0.797	-0.931	0.586
0.812	0.058	0.517	0.756	0.126	0.552	0.206	-0.081	0.586
0.632	-0.683	0.517	0.442	0.620	0.552	0.983	-1.208	0.586
0.765	0.140	0.517	0.315	-0.243	0.552	0.351	0.727	0.586
0.530	-0.542	0.517	0.997	-1.216	0.552	0.611	-0.655	0.586
0.931	-0.163	0.517	1.115	-0.574	0.552	1.169	-1.484	0.586
1.208	-0.735	0.517	1.331	-1.053	0.552	1.309	-1.691	0.586
1.201	-1.494	0.517	1.374	-1.153	0.552	1.046	-0.465	0.586
1.071	-0.444	0.517	1.326	-1.694	0.552	1.103	-0.586	0.586
1.110	-1.365	0.517	1.152	-0.654	0.552	1.067	-1.334	0.586
1.343	-1.696	0.517	1.198	-0.755	0.552	1.281	-0.984	0.586
1.121	-0.548	0.517	1.059	-0.456	0.552	1.173	-0.738	0.586
1.305	-0.950	0.517	1.185	-1.489	0.552	1.234	-1.581	0.586
1.272	-1.595	0.517	1.398	-1.799	0.552	1.138	-0.662	0.586
1.021	-0.341	0.517	1.286	-0.951	0.552	1.315	-1.061	0.586
1.010	-1.224	0.517	1.242	-0.853	0.552	1.383	-1.802	0.586
1.257	-0.843	0.517	1.001	-0.338	0.552	1.381	-1.215	0.586

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.159	-1.435	0.517	1.089	-1.350	0.552	1.227	-0.861	0.586
1.165	-0.643	0.517	1.254	-1.589	0.552	1.753	-2.238	0.586
1.346	-1.044	0.517	1.505	-1.462	0.552	1.692	-1.966	0.586
1.793	-2.231	0.517	1.626	-2.142	0.552	1.552	-2.061	0.586
1.414	-1.797	0.517	1.784	-2.221	0.552	1.518	-1.542	0.586
1.646	-2.140	0.517	1.785	-2.152	0.552	1.627	-2.180	0.586
1.713	-2.236	0.517	1.770	-2.114	0.552	1.478	-1.946	0.586
1.728	-2.244	0.517	1.534	-2.003	0.552	1.722	-2.042	0.586
1.532	-1.479	0.517	1.792	-2.170	0.552	1.764	-2.224	0.586
1.675	-1.823	0.517	1.791	-2.205	0.552	1.443	-1.361	0.586
1.804	-2.217	0.517	1.741	-2.038	0.552	1.775	-2.191	0.586
1.729	-1.956	0.517	1.668	-2.212	0.552	1.751	-2.118	0.586
1.484	-1.899	0.517	1.546	-1.560	0.552	1.583	-2.109	0.586
1.804	-2.147	0.517	1.794	-2.188	0.552	1.654	-1.872	0.586
1.811	-2.166	0.517	1.420	-1.261	0.552	1.759	-2.137	0.586
1.554	-2.001	0.517	1.460	-1.355	0.552	1.766	-2.155	0.586
1.689	-2.209	0.517	1.710	-1.961	0.552	1.618	-1.784	0.586
1.477	-1.347	0.517	1.586	-1.658	0.552	1.659	-2.230	0.586
1.623	-2.105	0.517	1.680	-2.227	0.552	1.739	-2.248	0.586
1.811	-2.201	0.517	1.627	-1.756	0.552	1.515	-2.004	0.586
1.407	-1.183	0.517	1.778	-2.133	0.552	1.648	-2.215	0.586
1.700	-2.224	0.517	1.758	-2.245	0.552	1.447	-1.899	0.586
1.604	-1.651	0.517	1.465	-1.899	0.552	1.688	-2.251	0.586
1.789	-2.110	0.517	1.742	-2.250	0.552	1.705	-2.254	0.586
1.759	-2.033	0.517	1.603	-2.107	0.552	1.672	-2.242	0.586
1.762	-2.247	0.517	1.648	-2.177	0.552	1.772	-2.208	0.586
1.797	-2.129	0.517	1.667	-1.854	0.552	1.722	-2.253	0.586
1.814	-2.184	0.517	1.708	-2.248	0.552	1.482	-1.455	0.586
1.668	-2.174	0.517	1.693	-2.239	0.552	1.772	-2.173	0.586
1.779	-2.241	0.517	1.725	-2.251	0.552	1.606	-2.144	0.586
1.745	-2.248	0.517	1.773	-2.235	0.552	1.568	-1.663	0.586
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.038	1.409	0.621	-1.390	1.233	0.655	-1.438	0.950	0.690
-0.898	1.437	0.621	-1.093	1.420	0.655	-1.475	0.995	0.690
-1.463	0.868	0.621	-1.499	0.992	0.655	-0.980	0.907	0.690
-1.345	0.820	0.621	-1.299	0.858	0.655	-0.943	1.483	0.690
-1.485	0.889	0.621	-0.812	1.466	0.655	-1.147	1.430	0.690
-1.436	0.850	0.621	-1.494	0.969	0.655	-1.477	1.117	0.690
-0.844	0.804	0.621	-1.473	0.931	0.655	-1.487	1.050	0.690
-1.362	1.230	0.621	-1.173	0.859	0.655	-0.728	1.483	0.690
-0.969	1.426	0.621	-1.451	0.909	0.655	-0.811	0.892	0.690
-1.106	1.387	0.621	-1.473	1.113	0.655	-1.484	1.022	0.690
-0.761	0.787	0.621	-1.352	1.270	0.655	-1.445	1.190	0.690
-1.234	1.326	0.621	-1.159	1.395	0.655	-1.211	1.400	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.512	0.950	0.621	-0.956	1.455	0.655	-1.415	1.234	0.690
-1.509	0.996	0.621	-0.884	1.463	0.655	-1.463	1.154	0.690
-1.484	1.071	0.621	-1.395	0.878	0.655	-0.872	1.489	0.690
-1.407	0.836	0.621	-1.311	1.304	0.655	-1.381	1.274	0.690
-0.927	0.814	0.621	-1.025	1.440	0.655	-1.412	0.933	0.690
-1.313	0.816	0.621	-1.080	0.862	0.655	-1.342	1.311	0.690
-1.400	1.192	0.621	-1.500	1.014	0.655	-1.251	0.902	0.690
-1.187	0.816	0.621	-1.222	1.363	0.655	-1.382	0.920	0.690
-1.279	0.815	0.621	-1.455	1.148	0.655	-1.301	1.344	0.690
-1.435	1.150	0.621	-1.364	0.868	0.655	-0.800	1.489	0.690
-1.498	0.908	0.621	-1.268	1.335	0.655	-1.081	1.454	0.690
-1.279	1.297	0.621	-0.913	0.858	0.655	-1.460	0.972	0.690
-0.826	1.443	0.621	-1.425	1.192	0.655	-1.257	1.374	0.690
-1.094	0.818	0.621	-1.486	0.949	0.655	-0.895	0.903	0.690
-1.377	0.826	0.621	-1.266	0.857	0.655	-1.318	0.905	0.690
-1.507	0.928	0.621	-1.488	1.076	0.655	-1.064	0.907	0.690
-1.322	1.265	0.621	-0.829	0.848	0.655	-1.158	0.904	0.690
-1.171	1.359	0.621	-1.332	0.862	0.655	-1.486	1.079	0.690
-1.512	0.973	0.621	-1.424	0.891	0.655	-0.728	0.874	0.690
-1.011	0.819	0.621	-0.996	0.862	0.655	-1.285	0.903	0.690
-0.753	1.443	0.621	-0.746	0.831	0.655	-1.013	1.471	0.690
-1.465	1.106	0.621	-1.497	1.038	0.655	-1.351	0.911	0.690
-1.499	1.034	0.621	-0.740	1.463	0.655	0.044	1.056	0.690
-0.041	1.137	0.621	-0.300	1.323	0.655	-0.408	0.714	0.690
-0.237	1.278	0.621	0.045	1.059	0.655	-0.587	1.456	0.690
-0.363	0.583	0.621	-0.129	0.401	0.655	-0.364	1.367	0.690
-0.531	1.407	0.621	-0.520	1.419	0.655	-0.294	1.328	0.690
-0.610	1.426	0.621	-0.231	1.281	0.655	-0.436	1.402	0.690
-0.454	1.382	0.621	-0.214	0.493	0.655	-0.121	0.430	0.690
-0.560	0.711	0.621	0.100	0.107	0.655	0.102	0.129	0.690
-0.307	1.317	0.621	-0.039	1.136	0.655	-0.336	0.655	0.690
-0.224	0.460	0.621	-0.677	0.810	0.655	0.122	0.973	0.690
-0.498	0.676	0.621	-0.371	1.360	0.655	-0.528	0.793	0.690
-0.438	0.638	0.621	-0.669	1.455	0.655	-0.203	0.524	0.690
-0.292	0.523	0.621	0.026	0.207	0.655	-0.227	1.284	0.690
0.099	0.084	0.621	-0.350	0.620	0.655	-0.659	0.853	0.690
-0.104	1.187	0.621	-0.598	1.441	0.655	-0.657	1.472	0.690
-0.137	0.371	0.621	0.124	0.977	0.655	-0.044	0.332	0.690
-0.055	0.278	0.621	-0.445	1.392	0.655	-0.038	1.135	0.690
0.125	0.981	0.621	-0.483	0.717	0.655	-0.267	0.592	0.690
0.023	0.182	0.621	-0.280	0.559	0.655	-0.467	0.756	0.690
-0.681	1.437	0.621	-0.050	0.305	0.655	-0.162	1.238	0.690
-0.169	1.234	0.621	-0.610	0.784	0.655	-0.099	1.188	0.690
-0.625	0.741	0.621	-0.165	1.236	0.655	0.030	0.231	0.690
0.044	1.061	0.621	-0.545	0.753	0.655	-0.592	0.826	0.690
-0.692	0.766	0.621	-0.101	1.188	0.655	-0.511	1.432	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.380	1.352	0.621	-0.424	0.677	0.655	0.647	0.221	0.690
0.666	0.234	0.621	0.506	0.475	0.655	0.347	-0.242	0.690
0.513	0.482	0.621	0.273	0.804	0.655	0.498	0.469	0.690
0.543	-0.555	0.621	0.864	-1.053	0.655	0.419	0.590	0.690
0.841	-0.083	0.621	0.657	0.227	0.655	0.466	-0.430	0.690
0.432	0.602	0.621	0.829	-0.090	0.655	0.268	0.799	0.690
0.979	-1.216	0.621	0.966	-1.212	0.655	0.738	-0.865	0.690
0.591	0.359	0.621	0.762	-0.895	0.655	0.336	0.708	0.690
0.738	0.108	0.621	0.200	0.892	0.655	0.574	0.346	0.690
0.229	-0.095	0.621	0.592	-0.630	0.655	0.196	0.887	0.690
0.277	0.809	0.621	0.342	0.714	0.655	0.226	-0.056	0.690
0.601	-0.642	0.621	0.678	-0.764	0.655	0.818	-0.096	0.690
0.981	-0.362	0.621	0.426	0.596	0.655	0.914	-0.289	0.690
0.355	-0.276	0.621	0.351	-0.259	0.655	0.673	-0.760	0.690
0.347	0.720	0.621	0.927	-0.283	0.655	0.584	-0.618	0.690
0.939	-0.276	0.621	0.227	-0.075	0.655	0.717	0.095	0.690
0.877	-1.061	0.621	0.583	0.352	0.655	0.851	-1.046	0.690
0.479	-0.458	0.621	0.965	-0.363	0.655	0.952	-0.369	0.690
0.678	-0.758	0.621	0.472	-0.444	0.655	0.965	-1.227	0.690
0.203	0.897	0.621	0.728	0.101	0.655	1.228	-0.990	0.690
0.775	-0.906	0.621	1.339	-1.207	0.655	1.121	-1.474	0.690
1.426	-1.367	0.621	1.197	-0.873	0.655	1.390	-1.900	0.690
1.607	-2.182	0.621	1.137	-1.477	0.655	1.316	-1.198	0.690
1.752	-2.211	0.621	1.273	-1.688	0.655	1.318	-1.786	0.690
1.076	-1.363	0.621	1.142	-0.747	0.655	1.390	-1.377	0.690
1.702	-2.256	0.621	1.050	-1.342	0.655	1.181	-0.879	0.690
1.500	-1.547	0.621	1.110	-0.675	0.655	1.061	-1.380	0.690
1.586	-2.146	0.621	1.198	-1.571	0.655	1.247	-1.674	0.690
1.719	-2.251	0.621	1.348	-1.805	0.655	1.354	-1.289	0.690
1.600	-1.789	0.621	1.020	-0.478	0.655	1.180	-1.568	0.690
1.745	-2.227	0.621	1.073	-0.593	0.655	1.059	-0.600	0.690
1.427	-1.899	0.621	1.251	-1.000	0.655	1.006	-0.484	0.690
1.550	-1.668	0.621	1.282	-1.073	0.655	1.095	-0.681	0.690
1.262	-0.983	0.621	1.616	-1.881	0.655	1.133	-0.769	0.690
1.212	-0.868	0.621	1.648	-2.256	0.655	1.266	-1.078	0.690
1.733	-2.241	0.621	1.476	-2.006	0.655	1.714	-2.183	0.690
1.563	-2.111	0.621	1.734	-2.179	0.655	1.513	-1.677	0.690
1.153	-1.480	0.621	1.733	-2.214	0.655	1.680	-2.257	0.690
1.219	-1.581	0.621	1.620	-2.235	0.655	1.524	-2.115	0.690
1.389	-1.280	0.621	1.654	-1.973	0.655	1.600	-2.238	0.690
1.634	-1.875	0.621	1.408	-1.372	0.655	1.589	-2.222	0.690
1.084	-0.582	0.621	1.608	-2.219	0.655	1.469	-2.026	0.690
1.740	-2.140	0.621	1.588	-2.184	0.655	1.663	-2.262	0.690
1.299	-1.067	0.621	1.484	-1.557	0.655	1.694	-2.128	0.690
1.495	-2.005	0.621	1.408	-1.900	0.655	1.706	-2.233	0.690
1.162	-0.753	0.621	1.699	-2.253	0.655	1.708	-2.165	0.690

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.652	-2.245	0.621	1.725	-2.230	0.655	1.716	-2.200	0.690
1.352	-1.192	0.621	1.633	-2.248	0.655	1.500	-2.076	0.690
1.362	-1.799	0.621	1.665	-2.260	0.655	1.613	-2.251	0.690
1.465	-1.462	0.621	1.446	-1.464	0.655	1.432	-1.969	0.690
1.628	-2.217	0.621	1.720	-2.143	0.655	1.568	-2.187	0.690
1.732	-2.121	0.621	1.683	-2.259	0.655	1.445	-1.510	0.690
1.755	-2.194	0.621	1.695	-2.078	0.655	1.713	-2.218	0.690
1.753	-2.176	0.621	1.676	-2.030	0.655	1.646	-2.263	0.690
1.747	-2.158	0.621	1.532	-1.672	0.655	1.667	-2.059	0.690
1.668	-2.253	0.621	1.728	-2.162	0.655	1.701	-2.147	0.690
1.673	-1.969	0.621	1.544	-2.113	0.655	1.628	-2.259	0.690
1.291	-1.690	0.621	1.736	-2.197	0.655	1.635	-1.977	0.690
1.124	-0.669	0.621	1.579	-1.788	0.655	1.547	-2.151	0.690
1.033	-0.472	0.621	1.714	-2.243	0.655	1.602	-1.896	0.690
1.639	-2.233	0.621	1.566	-2.148	0.655	1.556	-1.783	0.690
1.685	-2.257	0.621	1.713	-2.124	0.655	1.694	-2.247	0.690
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.135	1.464	0.724	-0.828	0.994	0.759	-1.359	1.384	0.793
-0.716	1.502	0.724	-1.420	1.036	0.759	-1.170	1.506	0.793
-0.844	0.946	0.724	-1.436	1.053	0.759	-1.289	1.441	0.793
-1.471	1.063	0.724	-1.222	0.998	0.759	-1.258	1.046	0.793
-1.246	1.412	0.724	-1.461	1.116	0.759	-1.450	1.204	0.793
-1.448	1.012	0.724	-1.400	1.022	0.759	-0.756	1.547	0.793
-1.436	1.231	0.724	-0.761	0.981	0.759	-1.432	1.279	0.793
-1.305	0.951	0.724	-1.327	1.001	0.759	-1.162	1.051	0.793
-1.290	1.383	0.724	-1.265	1.429	0.759	-1.409	1.077	0.793
-1.467	1.159	0.724	-0.380	0.788	0.759	-1.389	1.350	0.793
-0.912	0.953	0.724	0.040	1.044	0.759	-1.037	1.546	0.793
-1.431	0.995	0.724	-0.244	0.658	0.759	-1.445	1.242	0.793
-1.047	0.955	0.724	-0.030	0.386	0.759	-1.451	1.181	0.793
-1.411	0.981	0.724	-0.491	1.449	0.759	-0.756	1.029	0.793
-0.787	1.510	0.724	-0.632	1.501	0.759	-1.436	1.114	0.793
-1.332	1.351	0.724	-1.054	1.517	0.759	-1.449	1.158	0.793
-0.930	1.510	0.724	-0.096	1.181	0.759	-0.832	1.045	0.793
-0.777	0.934	0.724	-0.310	0.725	0.759	-1.251	1.466	0.793
-1.199	1.437	0.724	-0.283	1.331	0.759	-0.987	1.057	0.793
-1.271	0.949	0.724	-1.352	1.005	0.759	-1.415	1.313	0.793
-1.236	0.949	0.724	-1.462	1.162	0.759	-0.898	1.559	0.793
-1.389	0.970	0.724	-0.843	1.536	0.759	-1.105	1.529	0.793
-0.980	0.955	0.724	-0.772	1.530	0.759	-0.910	1.054	0.793
-1.475	1.091	0.724	-0.156	1.234	0.759	-1.366	1.055	0.793
-1.142	0.952	0.724	-0.104	0.489	0.759	-1.325	1.414	0.793
-1.339	0.956	0.724	-1.032	1.006	0.759	-1.425	1.094	0.793
-1.454	1.196	0.724	-0.038	1.126	0.759	-1.444	1.136	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.000	1.501	0.724	-0.437	0.832	0.759	-1.300	1.046	0.793
-1.462	1.036	0.724	-1.338	1.375	0.759	-1.341	1.050	0.793
-0.711	0.918	0.724	-0.985	1.529	0.759	-1.389	1.064	0.793
-1.371	1.315	0.724	-0.565	1.479	0.759	-1.065	1.056	0.793
-1.068	1.486	0.724	-1.303	1.403	0.759	-0.826	1.556	0.793
-1.474	1.120	0.724	-0.702	1.518	0.759	-0.968	1.556	0.793
-0.858	1.513	0.724	-0.915	1.536	0.759	-1.212	1.488	0.793
-1.365	0.962	0.724	-0.419	1.414	0.759	-0.547	0.949	0.793
-1.406	1.275	0.724	-1.443	1.237	0.759	-0.170	1.242	0.793
-0.192	0.555	0.724	-0.182	0.587	0.759	0.038	1.034	0.793
-0.038	1.132	0.724	-0.896	1.002	0.759	-0.038	1.117	0.793
-0.289	1.331	0.724	-0.218	1.284	0.759	-0.234	0.690	0.793
-0.037	0.359	0.724	-1.128	1.002	0.759	-0.390	1.404	0.793
0.105	0.152	0.724	-1.377	1.012	0.759	-0.299	0.758	0.793
-0.393	0.751	0.724	-0.350	1.374	0.759	-0.680	1.007	0.793
-0.642	0.895	0.724	0.041	0.282	0.759	-0.618	1.512	0.793
-0.223	1.286	0.724	-1.371	1.344	0.759	-0.425	0.869	0.793
-0.501	1.442	0.724	-1.448	1.072	0.759	-0.173	0.618	0.793
0.118	0.968	0.724	-1.186	1.472	0.759	0.046	0.308	0.793
-0.357	1.372	0.724	-1.426	1.272	0.759	-0.686	1.532	0.793
-0.645	1.488	0.724	-1.401	1.309	0.759	-0.096	0.517	0.793
-0.159	1.237	0.724	-1.226	1.452	0.759	-0.484	0.911	0.793
-0.112	0.459	0.724	-0.560	0.909	0.759	-0.469	1.448	0.793
-0.451	0.794	0.724	-1.456	1.093	0.759	0.114	0.201	0.793
-0.255	0.625	0.724	-1.463	1.139	0.759	-0.240	1.300	0.793
0.042	1.052	0.724	-0.964	1.006	0.759	0.111	0.948	0.793
-0.428	1.409	0.724	-0.695	0.963	0.759	-0.103	1.181	0.793
-0.576	1.469	0.724	-0.497	0.873	0.759	-0.552	1.487	0.793
-0.322	0.690	0.724	-1.274	0.997	0.759	-0.369	0.823	0.793
0.035	0.256	0.724	0.109	0.177	0.759	-0.612	0.981	0.793
-0.575	0.867	0.724	-0.626	0.939	0.759	-0.023	0.414	0.793
-0.511	0.833	0.724	-1.456	1.200	0.759	-0.314	1.354	0.793
-0.098	1.186	0.724	0.115	0.959	0.759	0.506	0.374	0.793
0.329	0.701	0.724	-1.121	1.498	0.759	0.729	-0.035	0.793
0.824	-0.143	0.724	0.607	0.232	0.759	0.660	-0.743	0.793
0.865	-0.225	0.724	0.658	-0.740	0.759	0.230	0.008	0.793
0.345	-0.225	0.724	0.422	0.541	0.759	0.907	-0.400	0.793
0.949	-1.217	0.724	0.322	0.690	0.759	0.314	0.677	0.793
0.937	-0.376	0.724	0.736	-0.874	0.759	0.796	-0.169	0.793
0.577	-0.605	0.724	0.853	-0.242	0.759	0.344	-0.187	0.793
0.226	-0.035	0.724	0.989	-0.533	0.759	0.861	-0.303	0.793
0.840	-1.039	0.724	1.228	-1.696	0.759	0.734	-0.875	0.793
0.262	0.792	0.724	1.189	-0.992	0.759	0.249	0.769	0.793
0.527	0.400	0.724	1.180	-1.616	0.759	0.948	-0.491	0.793
0.461	-0.415	0.724	1.232	-1.096	0.759	0.793	-0.978	0.793
0.706	0.086	0.724	1.670	-2.179	0.759	0.595	0.218	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
0.395	-0.307	0.724	1.666	-2.245	0.759	0.396	-0.279	0.793
0.663	-0.748	0.724	1.419	-2.012	0.759	0.680	0.060	0.793
0.527	-0.523	0.724	1.663	-2.160	0.759	0.182	0.860	0.793
0.192	0.881	0.724	1.558	-1.892	0.759	0.904	-1.171	0.793
0.731	-0.860	0.724	1.560	-2.247	0.759	0.566	-0.578	0.793
0.619	0.244	0.724	1.508	-2.158	0.759	0.455	-0.382	0.793
0.431	0.552	0.724	1.674	-2.230	0.759	0.514	-0.486	0.793
1.105	-1.471	0.724	1.588	-2.269	0.759	0.412	0.527	0.793
1.196	-0.960	0.724	0.458	-0.398	0.759	1.219	-1.707	0.793
1.195	-1.617	0.724	1.090	-1.468	0.759	1.167	-0.991	0.793
1.017	-1.328	0.724	1.427	-1.568	0.759	1.076	-1.465	0.793
1.373	-1.384	0.724	1.656	-2.142	0.759	1.076	-0.779	0.793
1.330	-1.834	0.724	0.693	0.074	0.759	1.264	-1.223	0.793
1.007	-0.527	0.724	1.606	-2.274	0.759	1.016	-1.363	0.793
1.249	-1.086	0.724	1.623	-2.273	0.759	1.159	-1.605	0.793
1.148	-0.848	0.724	1.132	-0.858	0.759	1.286	-1.820	0.793
1.044	-0.611	0.724	1.002	-1.321	0.759	1.013	-0.634	0.793
1.268	-1.735	0.724	1.636	-2.091	0.759	1.216	-1.107	0.793
1.100	-0.737	0.724	1.074	-0.724	0.759	1.116	-0.870	0.793
1.371	-1.902	0.724	1.655	-2.258	0.759	1.540	-2.254	0.793
1.302	-1.212	0.724	1.478	-1.692	0.759	1.415	-1.590	0.793
1.412	-1.479	0.724	1.675	-2.196	0.759	1.654	-2.238	0.793
1.495	-1.684	0.724	0.517	0.388	0.759	1.336	-1.905	0.793
1.505	-2.118	0.724	1.289	-1.796	0.759	1.552	-2.267	0.793
1.609	-2.264	0.724	0.344	-0.206	0.759	1.620	-2.275	0.793
1.424	-1.988	0.724	1.677	-2.213	0.759	1.380	-1.505	0.793
1.689	-2.171	0.724	0.228	-0.014	0.759	1.339	-1.404	0.793
1.593	-2.255	0.724	1.486	-2.122	0.759	1.460	-1.702	0.793
1.626	-2.268	0.724	1.640	-2.268	0.759	1.603	-2.280	0.793
1.578	-1.889	0.724	1.549	-2.231	0.759	1.401	-2.016	0.793
1.686	-2.238	0.724	0.528	-0.518	0.759	1.645	-2.169	0.793
1.580	-2.242	0.724	1.029	-0.622	0.759	1.529	-2.237	0.793
1.675	-2.134	0.724	1.597	-1.991	0.759	1.467	-2.126	0.793
1.675	-2.252	0.724	0.829	-1.031	0.759	1.505	-1.814	0.793
1.549	-2.190	0.724	0.187	0.872	0.759	1.610	-2.078	0.793
1.697	-2.206	0.724	1.356	-1.394	0.759	1.585	-2.280	0.793
1.616	-1.983	0.724	1.284	-1.220	0.759	1.488	-2.163	0.793
1.643	-2.267	0.724	0.922	-1.188	0.759	1.646	-2.253	0.793
1.695	-2.189	0.724	1.523	-1.804	0.759	1.579	-2.000	0.793
1.527	-2.154	0.724	1.529	-2.195	0.759	1.568	-2.276	0.793
1.694	-2.223	0.724	1.354	-1.903	0.759	1.634	-2.266	0.793
1.541	-1.797	0.724	0.256	0.782	0.759	1.651	-2.187	0.793
1.645	-2.056	0.724	0.922	-0.387	0.759	1.656	-2.204	0.793
1.569	-2.226	0.724	0.571	-0.592	0.759	1.658	-2.221	0.793
1.660	-2.261	0.724	0.811	-0.155	0.759	1.509	-2.200	0.793
1.682	-2.153	0.724	1.573	-2.261	0.759	1.539	-1.899	0.793

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.449	-1.571	0.724	0.387	-0.279	0.759	1.638	-2.150	0.793
X	Y	Z'	X	Y	Z'	X	Y	Z'
-1.310	1.453	0.828	-1.387	1.399	0.862	-1.271	1.534	0.897
-0.808	1.574	0.828	-1.065	1.589	0.862	-0.725	1.141	0.897
-1.273	1.479	0.828	-1.405	1.366	0.862	-1.369	1.444	0.897
-1.432	1.285	0.828	-1.042	1.152	0.862	-1.033	1.194	0.897
-1.432	1.179	0.828	-1.269	1.140	0.862	-1.413	1.318	0.897
-1.150	1.100	0.828	-1.333	1.141	0.862	-1.412	1.295	0.897
-1.053	1.105	0.828	-1.420	1.225	0.862	-0.955	1.190	0.897
-1.364	1.101	0.828	-1.215	1.539	0.862	-1.229	1.187	0.897
-0.743	1.073	0.828	-0.858	1.599	0.862	-1.409	1.272	0.897
-1.402	1.355	0.828	-1.425	1.293	0.862	-0.835	1.614	0.897
-1.086	1.560	0.828	-1.392	1.166	0.862	-0.699	1.581	0.897
-1.152	1.540	0.828	-1.328	1.465	0.862	-1.341	1.478	0.897
-0.819	1.090	0.828	-1.355	1.145	0.862	-0.800	1.164	0.897
-1.234	1.503	0.828	-0.788	1.589	0.862	-0.903	1.622	0.897
-0.879	1.580	0.828	-1.174	1.557	0.862	-1.347	1.191	0.897
-1.342	1.096	0.828	-0.964	1.150	0.862	-1.108	1.604	0.897
-1.401	1.121	0.828	-1.375	1.154	0.862	-1.383	1.212	0.897
-0.897	1.101	0.828	-1.424	1.247	0.862	-1.411	1.340	0.897
-1.425	1.157	0.828	-1.140	1.148	0.862	-1.404	1.250	0.897
-0.948	1.580	0.828	-0.886	1.144	0.862	-1.389	1.412	0.897
-1.279	1.093	0.828	-1.301	1.139	0.862	-0.877	1.181	0.897
-1.247	1.094	0.828	-1.405	1.182	0.862	-1.294	1.184	0.897
-1.420	1.321	0.828	-1.414	1.202	0.862	-1.151	1.591	0.897
-1.415	1.137	0.828	-0.808	1.130	0.862	-1.396	1.229	0.897
-1.436	1.202	0.828	-0.927	1.602	0.862	-1.403	1.377	0.897
-0.738	1.561	0.828	-1.254	1.518	0.862	-1.192	1.575	0.897
-1.194	1.523	0.828	-1.360	1.434	0.862	-1.261	1.185	0.897
-1.438	1.247	0.828	-1.426	1.270	0.862	-1.232	1.556	0.897
-1.018	1.573	0.828	-1.237	1.142	0.862	-1.367	1.199	0.897
-1.376	1.391	0.828	-1.132	1.572	0.862	-0.766	1.601	0.897
-1.311	1.093	0.828	-1.418	1.330	0.862	-0.972	1.623	0.897
-1.438	1.224	0.828	-0.719	1.572	0.862	-1.308	1.507	0.897
-0.975	1.106	0.828	-1.292	1.493	0.862	-1.041	1.617	0.897
-1.384	1.109	0.828	-0.996	1.599	0.862	-1.132	1.192	0.897
-1.345	1.424	0.828	-0.733	1.110	0.862	-1.325	1.186	0.897
0.051	0.332	0.828	-0.659	1.083	0.862	-0.586	1.077	0.897
-0.090	0.543	0.828	-0.592	1.051	0.862	0.056	0.369	0.897
0.118	0.224	0.828	-0.466	0.973	0.862	-0.350	0.899	0.897
-0.038	1.106	0.828	-0.587	1.524	0.862	-0.218	0.759	0.897
-0.017	0.439	0.828	-0.523	1.493	0.862	-0.159	1.213	0.897
-0.166	0.645	0.828	-0.370	1.398	0.862	-0.462	0.995	0.897
-0.670	1.543	0.828	-0.038	1.094	0.862	-0.223	1.275	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.235	1.294	0.828	0.053	0.987	0.862	-0.359	1.392	0.897
-0.360	0.854	0.828	-0.013	0.460	0.862	-0.405	0.948	0.897
-0.101	1.171	0.828	-0.229	1.285	0.862	0.051	0.973	0.897
-0.474	0.945	0.828	0.121	0.243	0.862	-0.523	1.038	0.897
-0.668	1.048	0.828	-0.161	0.668	0.862	-0.570	1.526	0.897
-0.227	0.718	0.828	-0.085	0.565	0.862	-0.282	0.831	0.897
-0.380	1.402	0.828	-0.528	1.014	0.862	-0.508	1.493	0.897
-0.415	0.901	0.828	-0.353	0.879	0.862	-0.290	1.335	0.897
-0.291	0.788	0.828	-0.099	1.160	0.862	0.122	0.259	0.897
-0.306	1.350	0.828	-0.221	0.741	0.862	-0.158	0.685	0.897
0.055	1.001	0.828	-0.445	1.448	0.862	-0.432	1.445	0.897
-0.457	1.450	0.828	-0.298	1.343	0.862	-0.037	1.080	0.897
-0.603	1.520	0.828	-0.285	0.812	0.862	-0.083	0.582	0.897
-0.166	1.234	0.828	0.138	0.876	0.862	-0.652	1.111	0.897
-0.601	1.019	0.828	-0.163	1.224	0.862	-0.633	1.556	0.897
-0.538	1.491	0.828	0.055	0.352	0.862	-0.097	1.148	0.897
-0.536	0.984	0.828	-0.652	1.551	0.862	0.135	0.861	0.897
0.143	0.891	0.828	-0.408	0.928	0.862	-0.012	0.477	0.897
0.344	-0.169	0.828	0.876	-0.429	0.862	0.501	-0.446	0.897
0.403	0.512	0.828	0.570	0.187	0.862	0.640	0.014	0.897
0.495	0.359	0.828	0.484	0.342	0.862	0.869	-1.155	0.897
0.667	0.045	0.828	0.881	-1.160	0.862	0.551	-0.544	0.897
0.782	-0.184	0.828	0.298	0.647	0.862	0.622	-0.681	0.897
0.306	0.662	0.828	0.718	-0.857	0.862	0.952	-1.310	0.897
0.561	-0.565	0.828	0.510	-0.465	0.862	0.964	-0.674	0.897
0.954	-0.552	0.828	0.343	-0.153	0.862	0.752	-0.214	0.897
0.232	0.028	0.828	0.234	0.046	0.862	0.384	0.480	0.897
0.891	-0.415	0.828	0.653	0.029	0.862	0.392	-0.238	0.897
0.726	-0.865	0.828	0.393	0.496	0.862	0.215	0.747	0.897
0.950	-1.267	0.828	0.615	-0.663	0.862	0.291	0.631	0.897
0.226	0.778	0.828	0.450	-0.353	0.862	0.922	-0.579	0.897
0.831	-1.055	0.828	0.557	-0.554	0.862	0.797	-1.019	0.897
0.453	-0.367	0.828	0.930	-1.250	0.862	0.447	-0.342	0.897
0.622	-0.675	0.828	0.220	0.763	0.862	0.709	-0.850	0.897
0.827	-0.278	0.828	0.391	-0.242	0.862	0.558	0.171	0.897
0.893	-1.165	0.828	0.767	-0.199	0.862	0.797	-0.308	0.897
0.583	0.203	0.828	0.822	-1.051	0.862	0.473	0.326	0.897
1.175	-1.658	0.828	0.982	-1.343	0.862	0.341	-0.140	0.897
1.319	-1.908	0.828	0.980	-0.662	0.862	0.233	0.061	0.897
1.243	-1.225	0.828	1.213	-1.753	0.862	0.860	-0.443	0.897
1.227	-1.749	0.828	1.082	-0.896	0.862	1.231	-1.816	0.897
1.062	-1.463	0.828	1.048	-1.461	0.862	1.305	-1.950	0.897
1.199	-1.119	0.828	1.142	-1.035	0.862	1.283	-1.911	0.897
1.123	-1.568	0.828	1.257	-1.310	0.862	1.230	-1.294	0.897
0.997	-0.648	0.828	1.022	-0.757	0.862	1.165	-1.140	0.897
1.002	-1.358	0.828	1.301	-1.909	0.862	1.005	-0.767	0.897

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.161	-1.029	0.828	1.305	-1.425	0.862	1.126	-1.047	0.897
1.276	-1.833	0.828	1.114	-1.578	0.862	1.086	-1.554	0.897
1.322	-1.415	0.828	1.167	-1.671	0.862	1.158	-1.685	0.897
1.099	-0.883	0.828	1.261	-1.837	0.862	1.288	-1.433	0.897
1.036	-0.737	0.828	1.182	-1.130	0.862	1.066	-0.907	0.897
1.275	-1.301	0.828	1.223	-1.228	0.862	1.033	-1.459	0.897
1.489	-2.206	0.828	1.485	-1.867	0.862	1.408	-1.726	0.897
1.619	-2.158	0.828	1.562	-2.293	0.862	1.553	-2.095	0.897
1.362	-1.982	0.828	1.594	-2.279	0.862	1.595	-2.205	0.897
1.508	-2.243	0.828	1.618	-2.235	0.862	1.599	-2.222	0.897
1.561	-2.009	0.828	1.543	-2.016	0.862	1.428	-2.176	0.897
1.547	-2.283	0.828	1.468	-2.211	0.862	1.501	-1.961	0.897
1.582	-2.287	0.828	1.614	-2.251	0.862	1.472	-1.887	0.897
1.633	-2.195	0.828	1.386	-1.622	0.862	1.386	-2.098	0.897
1.638	-2.229	0.828	1.608	-2.183	0.862	1.599	-2.239	0.897
1.503	-1.860	0.828	1.428	-2.135	0.862	1.586	-2.270	0.897
1.637	-2.212	0.828	1.572	-2.091	0.862	1.467	-2.252	0.897
1.634	-2.245	0.828	1.526	-2.288	0.862	1.541	-2.297	0.897
1.383	-2.019	0.828	1.519	-1.954	0.862	1.343	-1.566	0.897
1.564	-2.287	0.828	1.448	-2.173	0.862	1.559	-2.292	0.897
1.410	-2.067	0.828	1.488	-2.248	0.862	1.346	-2.024	0.897
1.614	-2.273	0.828	1.614	-2.201	0.862	1.523	-2.297	0.897
1.626	-2.177	0.828	1.498	-2.265	0.862	1.490	-2.283	0.897
1.443	-1.711	0.828	1.606	-2.266	0.862	1.574	-2.283	0.897
1.599	-2.282	0.828	1.579	-2.288	0.862	1.448	-2.215	0.897
1.519	-2.260	0.828	1.618	-2.218	0.862	1.408	-2.138	0.897
1.447	-2.131	0.828	1.365	-2.022	0.862	1.525	-2.021	0.897
1.400	-1.605	0.828	1.511	-2.279	0.862	1.506	-2.292	0.897
1.532	-2.273	0.828	1.352	-1.540	0.862	1.594	-2.255	0.897
1.468	-2.168	0.828	1.601	-2.165	0.862	1.478	-2.269	0.897
1.369	-1.529	0.828	1.544	-2.293	0.862	1.582	-2.169	0.897
1.626	-2.260	0.828	1.426	-1.720	0.862	1.589	-2.187	0.897
X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.744	1.610	0.931	-1.388	1.396	0.966	-1.304	1.586	1.000
-1.208	1.595	0.931	-1.350	1.508	0.966	-1.025	1.293	1.000
-1.027	1.231	0.931	-1.090	1.269	0.966	-1.362	1.364	1.000
-1.082	1.635	0.931	-1.387	1.374	0.966	-1.197	1.658	1.000
-1.125	1.233	0.931	-1.223	1.616	0.966	-0.851	1.679	1.000
-0.871	1.212	0.931	-1.155	1.271	0.966	-1.155	1.307	1.000
-1.319	1.523	0.931	-1.261	1.594	0.966	-1.284	1.318	1.000
-1.399	1.367	0.931	-0.839	1.654	0.966	-1.377	1.439	1.000
-1.349	1.491	0.931	-1.378	1.330	0.966	-0.948	1.278	1.000
-1.396	1.390	0.931	-1.001	1.670	0.966	-1.235	1.638	1.000
-0.721	1.166	0.931	-1.368	1.476	0.966	-1.350	1.347	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.795	1.192	0.931	-1.024	1.265	0.966	-0.794	1.663	1.000
-1.256	1.229	0.931	-1.354	1.296	0.966	-1.329	1.558	1.000
-1.285	1.551	0.931	-1.296	1.568	0.966	-1.156	1.673	1.000
-1.360	1.247	0.931	-0.787	1.641	0.966	-1.220	1.311	1.000
-1.400	1.345	0.931	-1.141	1.648	0.966	-0.873	1.257	1.000
-1.248	1.575	0.931	-1.253	1.272	0.966	-0.723	1.637	1.000
-1.319	1.232	0.931	-1.056	1.666	0.966	-1.371	1.384	1.000
-0.878	1.640	0.931	-0.893	1.664	0.966	-1.090	1.302	1.000
-1.341	1.238	0.931	-0.794	1.214	0.966	-1.114	1.685	1.000
-1.370	1.460	0.931	-1.285	1.274	0.966	-1.272	1.615	1.000
-1.398	1.322	0.931	-1.336	1.285	0.966	-1.072	1.692	1.000
-1.223	1.230	0.931	-1.327	1.538	0.966	-0.909	1.690	1.000
-1.386	1.426	0.931	-0.869	1.237	0.966	-1.028	1.696	1.000
-1.125	1.625	0.931	-1.381	1.440	0.966	-1.252	1.314	1.000
-0.811	1.628	0.931	-0.721	1.619	0.966	-1.314	1.325	1.000
-1.288	1.229	0.931	-1.385	1.352	0.966	-1.365	1.493	1.000
-1.015	1.644	0.931	-1.315	1.278	0.966	-1.373	1.466	1.000
-1.387	1.278	0.931	-1.099	1.659	0.966	-1.350	1.527	1.000
-1.394	1.300	0.931	-0.947	1.669	0.966	-0.799	1.229	1.000
-1.167	1.612	0.931	-0.946	1.254	0.966	-0.728	1.196	1.000
-0.946	1.646	0.931	-1.368	1.311	0.966	-0.969	1.696	1.000
-0.948	1.225	0.931	-1.386	1.419	0.966	-1.376	1.411	1.000
-1.375	1.261	0.931	-1.220	1.272	0.966	-1.333	1.334	1.000
0.131	0.846	0.931	-0.721	1.184	0.966	-0.445	1.469	1.000
-0.442	0.995	0.931	-1.183	1.634	0.966	-0.659	1.158	1.000
-0.211	0.761	0.931	-0.478	1.487	0.966	0.058	0.919	1.000
-0.037	1.067	0.931	-0.536	1.526	0.966	-0.365	0.923	1.000
-0.095	1.135	0.931	-0.092	0.604	0.966	-0.162	1.195	1.000
-0.577	1.092	0.931	0.047	0.391	0.966	-0.524	1.527	1.000
-0.678	1.587	0.931	-0.102	1.134	0.966	-0.229	1.268	1.000
0.054	0.382	0.931	-0.271	0.832	0.966	-0.370	1.406	1.000
-0.493	1.491	0.931	-0.658	1.592	0.966	-0.654	1.605	1.000
-0.160	0.698	0.931	-0.218	0.770	0.966	-0.433	0.988	1.000
-0.552	1.527	0.931	-0.327	0.892	0.966	-0.181	0.712	1.000
-0.155	1.201	0.931	-0.036	1.054	0.966	-0.505	1.049	1.000
-0.649	1.132	0.931	-0.386	0.950	0.966	0.100	0.288	1.000
-0.380	0.940	0.931	-0.448	1.005	0.966	-0.035	1.043	1.000
-0.217	1.265	0.931	-0.167	0.707	0.966	-0.300	0.855	1.000
-0.614	1.559	0.931	-0.318	1.358	0.966	-0.034	0.505	1.000
-0.349	1.385	0.931	0.128	0.833	0.966	-0.298	1.339	1.000
0.119	0.272	0.931	-0.581	1.105	0.966	-0.105	0.610	1.000
-0.282	1.327	0.931	0.048	0.945	0.966	0.035	0.397	1.000
-0.320	0.883	0.931	-0.396	1.425	0.966	-0.098	1.120	1.000
-0.419	1.440	0.931	-0.243	1.286	0.966	-0.239	0.785	1.000
-0.085	0.595	0.931	-0.020	0.499	0.966	-0.580	1.106	1.000
-0.014	0.489	0.931	0.112	0.281	0.966	0.146	0.791	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
-0.264	0.823	0.931	-0.651	1.148	0.966	-0.588	1.568	1.000
0.050	0.958	0.931	-0.596	1.561	0.966	0.275	-0.032	1.000
-0.508	1.046	0.931	-0.513	1.057	0.966	0.359	-0.195	1.000
0.230	0.073	0.931	-0.171	1.212	0.966	0.389	0.393	1.000
0.210	0.732	0.931	0.831	-0.463	0.966	0.757	-0.332	1.000
0.544	-0.536	0.931	0.617	-0.695	0.966	0.190	0.129	1.000
0.441	-0.332	0.931	0.726	-0.236	0.966	0.607	-0.019	1.000
0.856	-1.151	0.931	0.786	-0.365	0.966	0.897	-1.286	1.000
0.742	-0.928	0.931	0.537	0.145	0.966	0.521	-0.521	1.000
0.463	0.312	0.931	0.871	-0.551	0.966	0.672	-0.831	1.000
0.628	0.000	0.931	0.687	-0.838	0.966	0.880	-0.605	1.000
0.739	-0.226	0.931	0.202	0.122	0.966	0.601	-0.686	1.000
0.845	-0.455	0.931	0.934	-0.692	0.966	0.752	-0.995	1.000
0.973	-1.373	0.931	0.279	0.602	0.966	0.464	0.257	1.000
0.949	-0.685	0.931	0.949	-1.356	0.966	0.854	-0.546	1.000
0.547	0.157	0.931	0.841	-1.146	0.966	0.440	-0.358	1.000
0.285	0.616	0.931	0.453	-0.365	0.966	0.715	-0.243	1.000
0.699	-0.844	0.931	0.371	-0.202	0.966	0.936	-1.363	1.000
0.889	-0.552	0.931	0.287	-0.039	0.966	0.824	-1.141	1.000
0.376	0.465	0.931	0.616	-0.011	0.966	0.974	-0.819	1.000
0.337	-0.129	0.931	0.454	0.299	0.966	0.980	-1.449	1.000
0.931	-1.294	0.931	0.205	0.718	0.966	0.312	0.528	1.000
0.629	-0.704	0.931	0.534	-0.528	0.966	0.231	0.660	1.000
0.782	-1.008	0.931	0.664	-0.109	0.966	0.920	-0.696	1.000
1.084	-0.997	0.931	0.735	-0.936	0.966	0.536	0.120	1.000
1.212	-1.299	0.931	0.368	0.452	0.966	0.819	-0.468	1.000
1.018	-1.456	0.931	1.043	-1.534	0.966	0.714	-0.918	1.000
1.095	-1.600	0.931	1.000	-1.453	0.966	1.187	-1.841	1.000
1.326	-2.025	0.931	1.305	-2.023	0.966	1.045	-1.573	1.000
1.148	-1.148	0.931	1.068	-1.002	0.966	1.100	-1.678	1.000
1.226	-1.841	0.931	1.253	-1.441	0.966	1.175	-1.296	1.000
1.049	-0.916	0.931	1.122	-1.682	0.966	1.018	-0.924	1.000
1.305	-1.522	0.931	1.318	-1.600	0.966	1.014	-1.514	1.000
1.270	-1.439	0.931	1.287	-1.524	0.966	1.283	-2.019	1.000
1.264	-1.911	0.931	1.132	-1.153	0.966	1.156	-1.783	1.000
1.056	-1.527	0.931	1.201	-1.829	0.966	1.277	-1.542	1.000
1.186	-1.768	0.931	0.995	-0.833	0.966	1.235	-1.441	1.000
1.007	-0.818	0.931	1.195	-1.304	0.966	1.056	-1.011	1.000
1.141	-1.684	0.931	1.033	-0.922	0.966	1.308	-1.619	1.000
1.566	-2.271	0.931	1.244	-1.909	0.966	1.222	-1.905	1.000
1.433	-1.837	0.931	1.437	-2.269	0.966	1.115	-1.153	1.000
1.539	-2.293	0.931	1.544	-2.168	0.966	1.353	-1.728	1.000
1.574	-2.256	0.931	1.371	-1.731	0.966	1.535	-2.246	1.000
1.580	-2.223	0.931	1.534	-2.281	0.966	1.365	-2.172	1.000
1.457	-2.270	0.931	1.560	-2.220	0.966	1.526	-2.261	1.000
1.408	-2.178	0.931	1.406	-2.215	0.966	1.397	-1.838	1.000

X	Y	Z'	X	Y	Z'	X	Y	Z'
1.534	-2.097	0.931	1.483	-2.295	0.966	1.345	-2.134	1.000
1.427	-2.216	0.931	1.450	-2.282	0.966	1.500	-2.283	1.000
1.579	-2.240	0.931	1.560	-2.237	0.966	1.525	-2.162	1.000
1.470	-2.284	0.931	1.426	-2.252	0.966	1.386	-2.210	1.000
1.521	-2.298	0.931	1.502	-2.295	0.966	1.482	-2.288	1.000
1.503	-2.298	0.931	1.552	-2.186	0.966	1.446	-2.285	1.000
1.485	-2.293	0.931	1.487	-2.022	0.966	1.468	-2.017	1.000
1.347	-1.624	0.931	1.516	-2.095	0.966	1.540	-2.208	1.000
1.387	-2.140	0.931	1.424	-1.863	0.966	1.496	-2.090	1.000
1.506	-2.023	0.931	1.557	-2.203	0.966	1.464	-2.289	1.000
1.446	-2.254	0.931	1.367	-2.139	0.966	1.427	-1.916	1.000
1.473	-1.940	0.931	1.387	-2.177	0.966	1.417	-2.263	1.000
1.570	-2.188	0.931	1.519	-2.290	0.966	1.540	-2.230	1.000
1.576	-2.206	0.931	1.465	-2.291	0.966	1.514	-2.273	1.000
1.563	-2.170	0.931	1.546	-2.268	0.966	1.406	-2.247	1.000
1.390	-1.730	0.931	1.454	-1.939	0.966	1.430	-2.276	1.000
1.554	-2.284	0.931	1.555	-2.254	0.966	1.535	-2.185	1.000

为了在其他同样的涡轮设计中使用，上表中所述的翼面在几何上可换比例放大或缩小。因此，表 1 中的坐标值可以向上或向下变化，而翼面截面形状保持不改变。表 1 中的坐标的比例变换形式中用 X、Y 和 Z 坐标值（在 Z 值转换为英寸以后）乘以或除以相同的常数或数字表示。

虽然，已经结合最实际和优选的实施例说明了本发明，但应了解，本发明不是仅局限于所述的实施例。相反，在所附权利要求书的精神和范围内，涵盖各种改进和等同的结构。

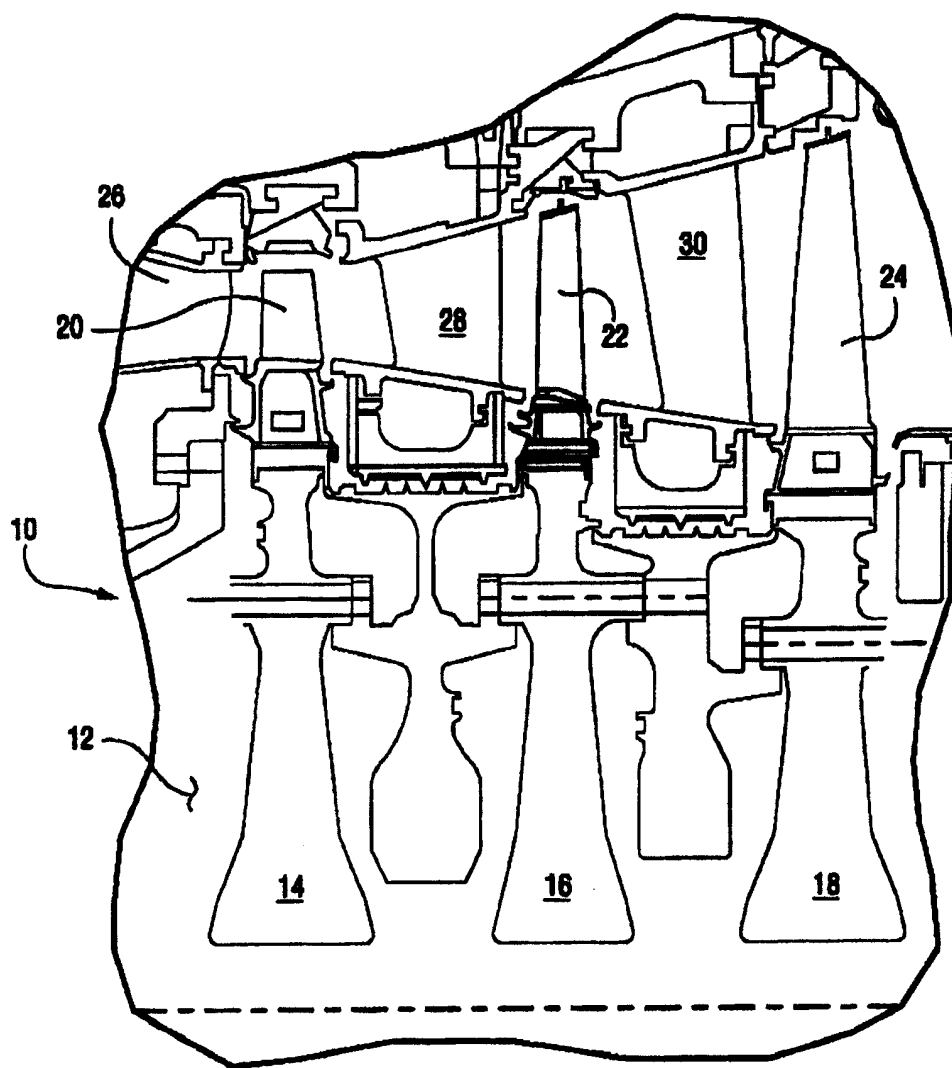


图 1

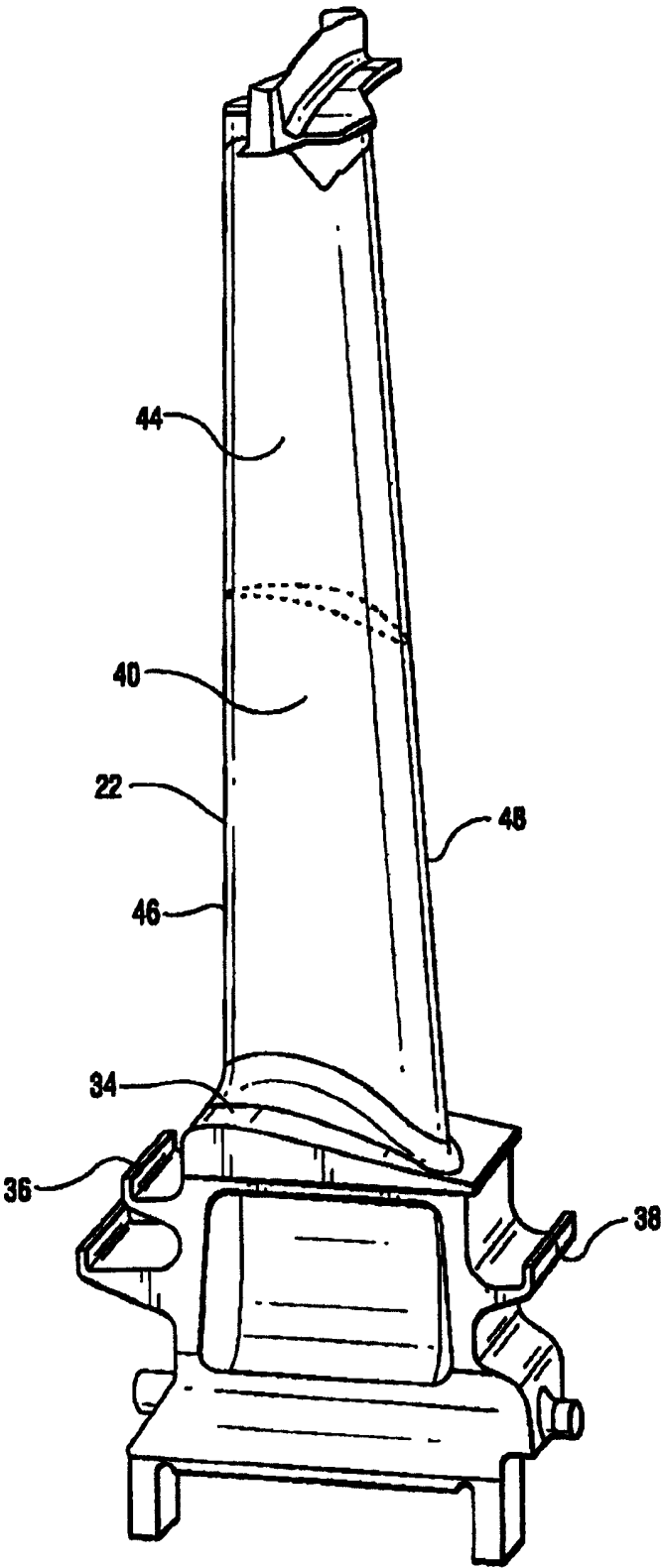


图 2

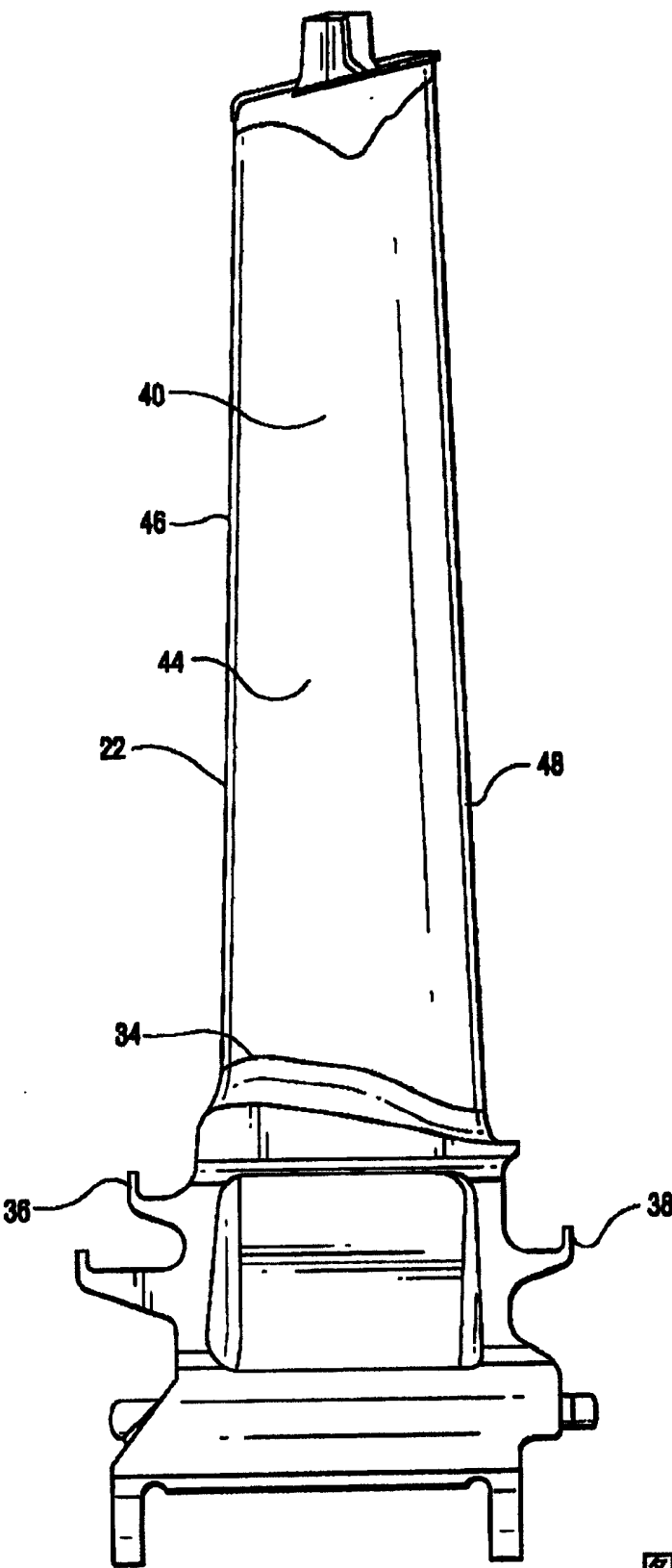


图 3

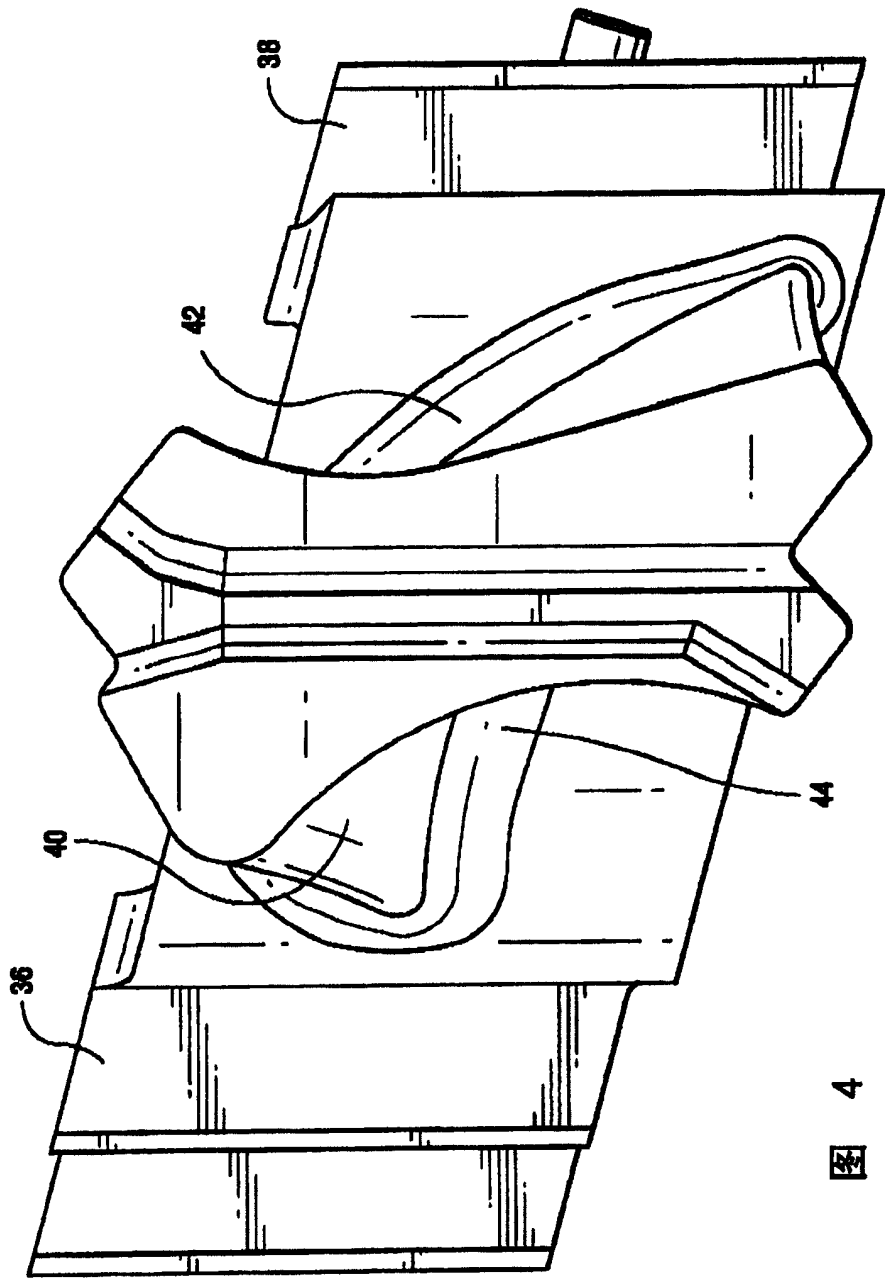


图 4

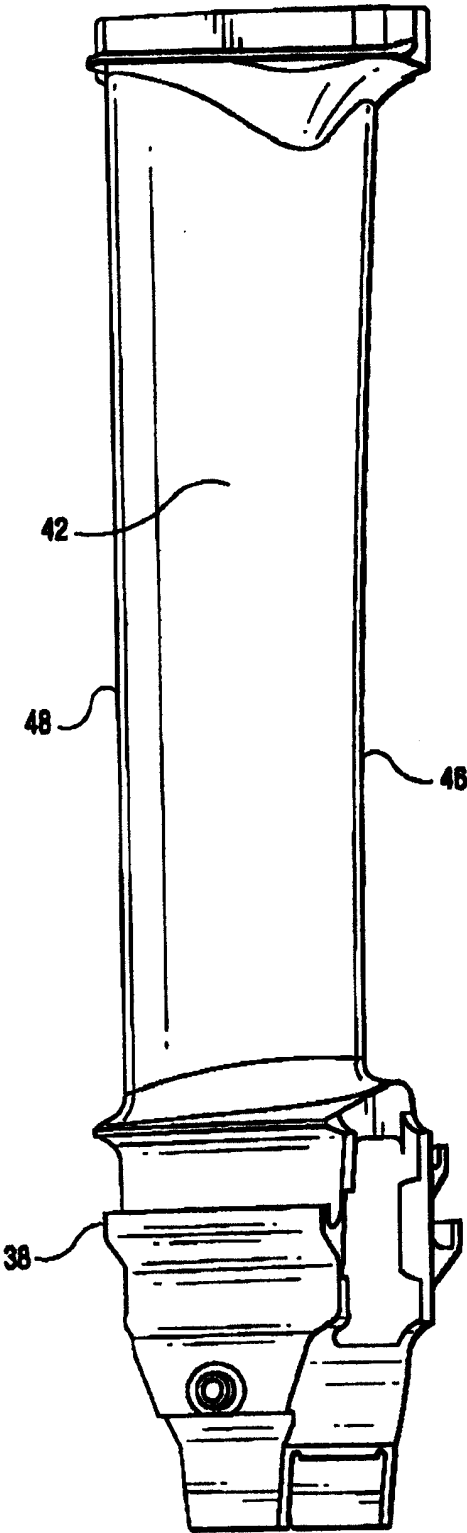


图 5