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(71) Applicant(s):
International Business Machines Corporation
(Incorporated in USA - New York)
New Orchard Road, Armonk, New York 10504,
United States of America
(72) Inventor(s):
Tayfun Gokmen
Oguzhan Murat Onen
(74) Agent and/or Address for Service:
IBM United Kingdom Limited
Intellectual Property Department, Hursley Park,
Winchester, Hampshire, SO21 2JN, United Kingdom

(54) Title of the Invention: Update management for RPU array
Abstract Title: Update management for RPU array

(57) A computer-implemented method and computer processing system are provided for update management for a neural network. The method includes performing an isotropic update process on the neural network using a Resistive Processing Unit. The isotropic update process uses a multiplicand and a multiplier from a multiplication operation. The performing step includes scaling the multiplicand and the multiplier to have a same order of magnitude.

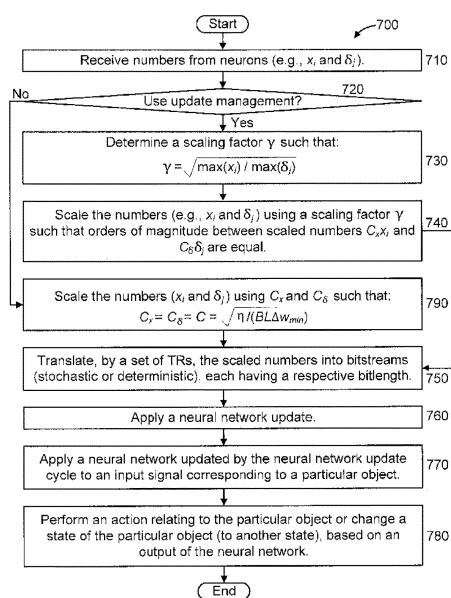


FIG. 7