

(19) (KR)  
(12) (B1)

(21) 10-2002-0030420 (65) 10-2003-0092679  
(22) 2002 05 30 (43) 2003 12 06

(73) 344 - 1 505

$$(72) \quad \begin{array}{r} 2 \quad 645 \\ \hline 4 \quad 302 \end{array}$$

( ) 111 2402

(74)

(54)

가

( :DARC)

(GPS)

가 가  
가

, GPS, GIS,

1  
2  
3a  
3b 3a  
4a  
4b 4a  
5a  
5b 5a  
6a  
6b 6a  
7  
8  
9  
10 Dijkstra  
11

가

가

가

가

가

가

ARS

가

FM 가

(DAta Radio Channel;

DARC

(Radio Digital System;

RDS .)

가

10-0325092 ( :2002 02 05 )

FM DARC

가

FM DARC

(CNS; Car Navigation System)

( :DARC)

가



, 가 , 가  
 , 가  
 , 가  
 , 가 (Node)  
 , (Link)  
 1

1 , 가 (101) ,  
 (103) , GPS (103) , GPS  
 GPS (115) , (121) (120)  
 (120) RF (117) (119) , RF (117)  
 (101) (101) (GIS:Geographic Information System; 'GIS')  
 가 (101) ,  
 (105)  
 (105)  
 (107) (119) ,  
 (105) (105) (105)

, ( : ) 가 ,  
 , , , , , ,  
 (105) (105) (121) (123)  
 (111)  
 (109)  
 , (109) (123)( : ) (111) , /  
 (121)( :LCD ) 가 가 ) 가  
 , 가 ,  
 ,  
 , ADPCM(Adaptive Difference Pulse Code Modulation)  
 , ( :5 ) . ( :1 )  
 1

1 , (105), 가 (107) , (109) , (103), (105), (107)  
 (109) (110) , 가  
 2 1





(GPS)

가

가

(57)

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

가

가

가

;

,

;

,

,

;

,

;

,

,

;

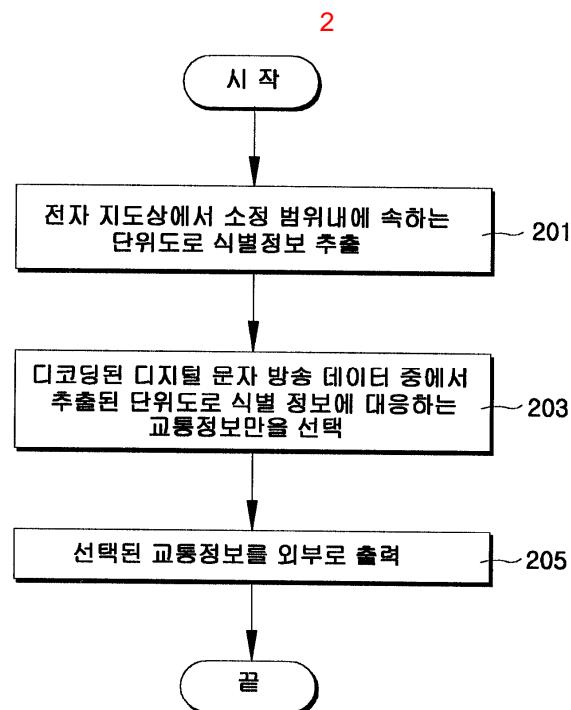
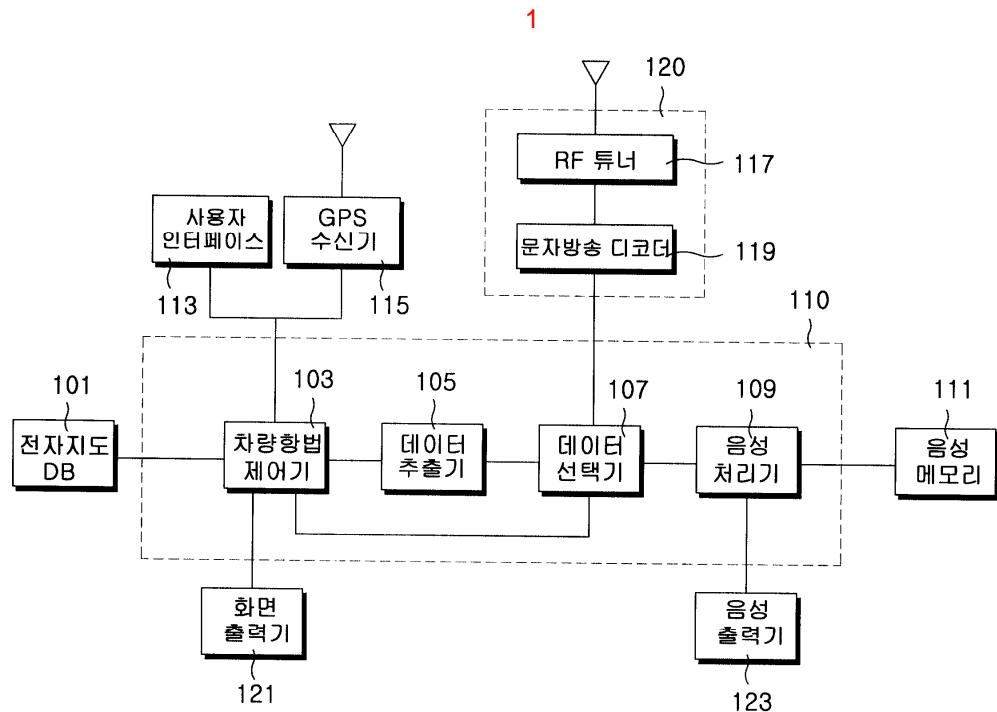
;

;

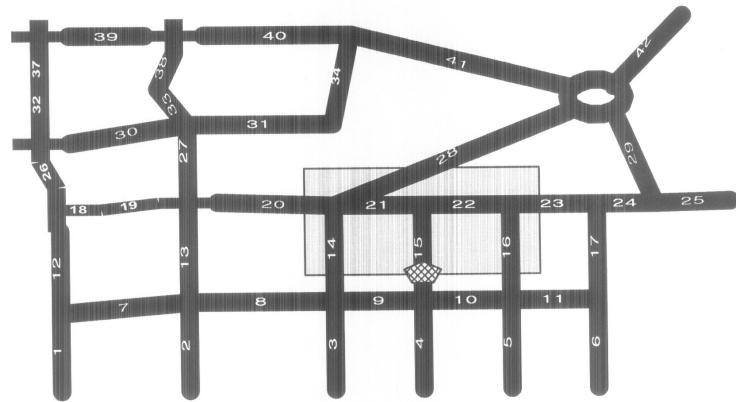
,

;

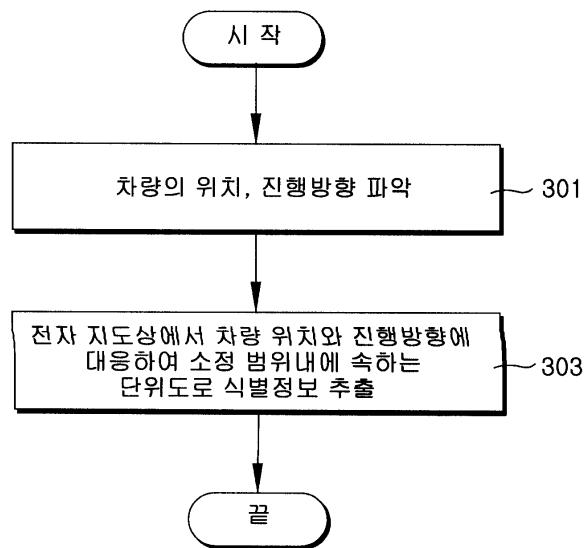
,



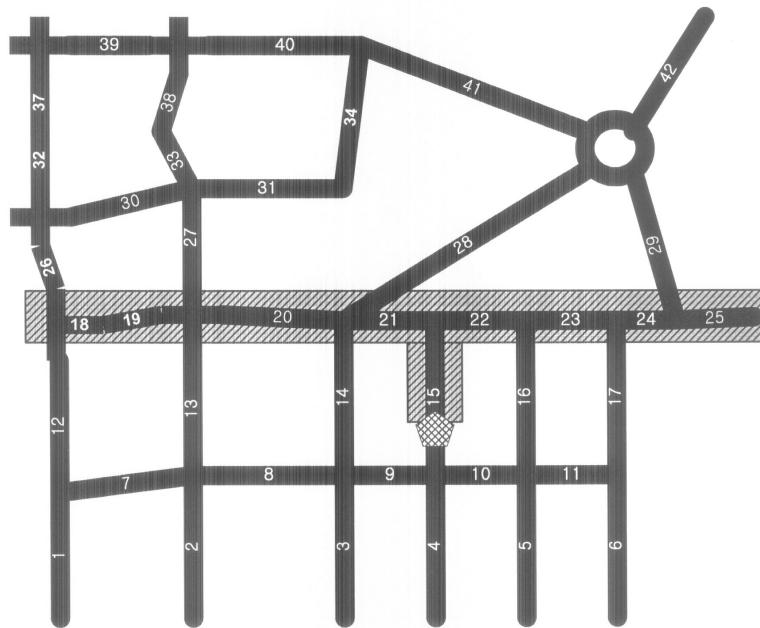
3a

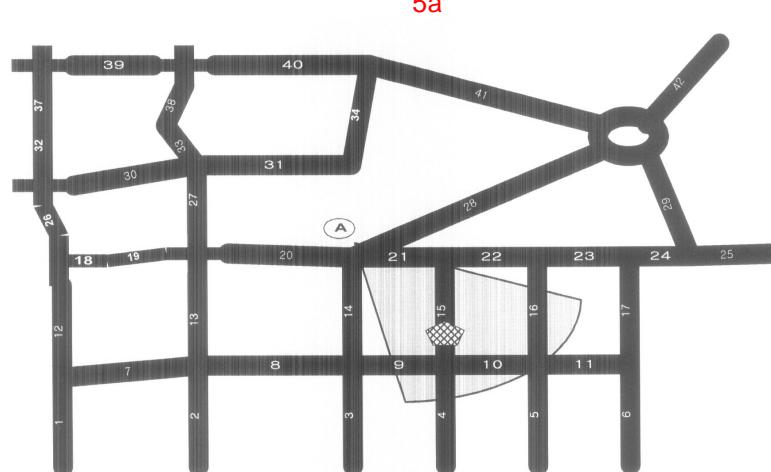
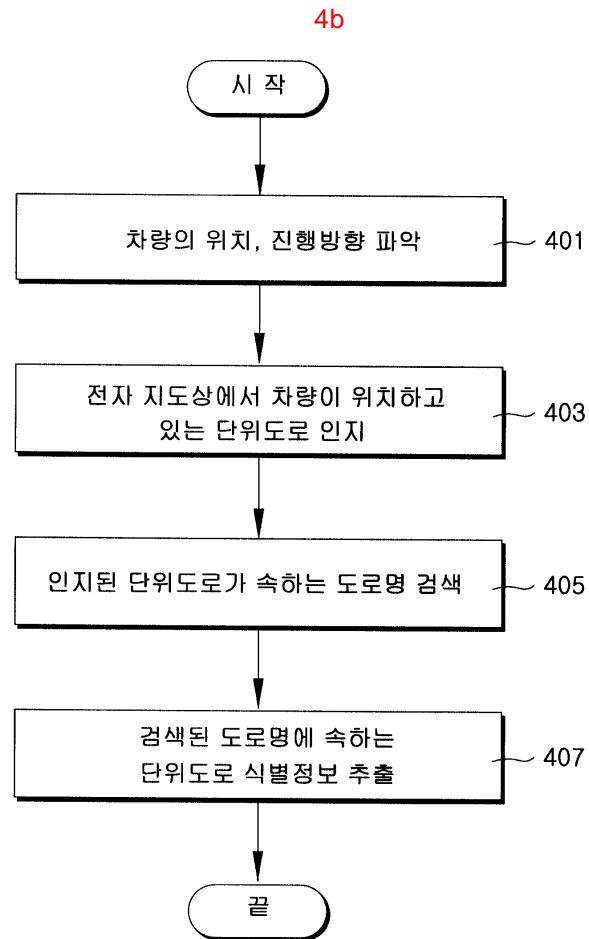


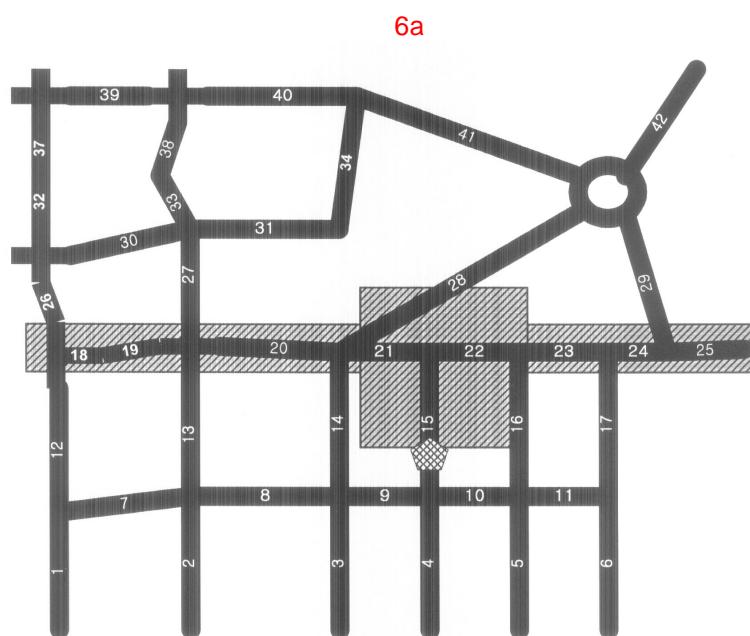
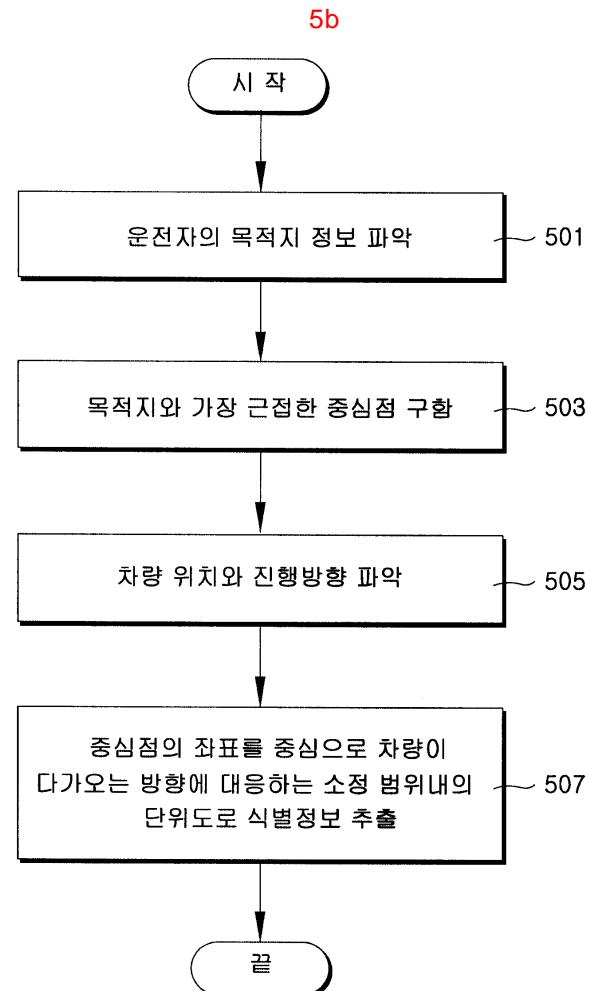
3b

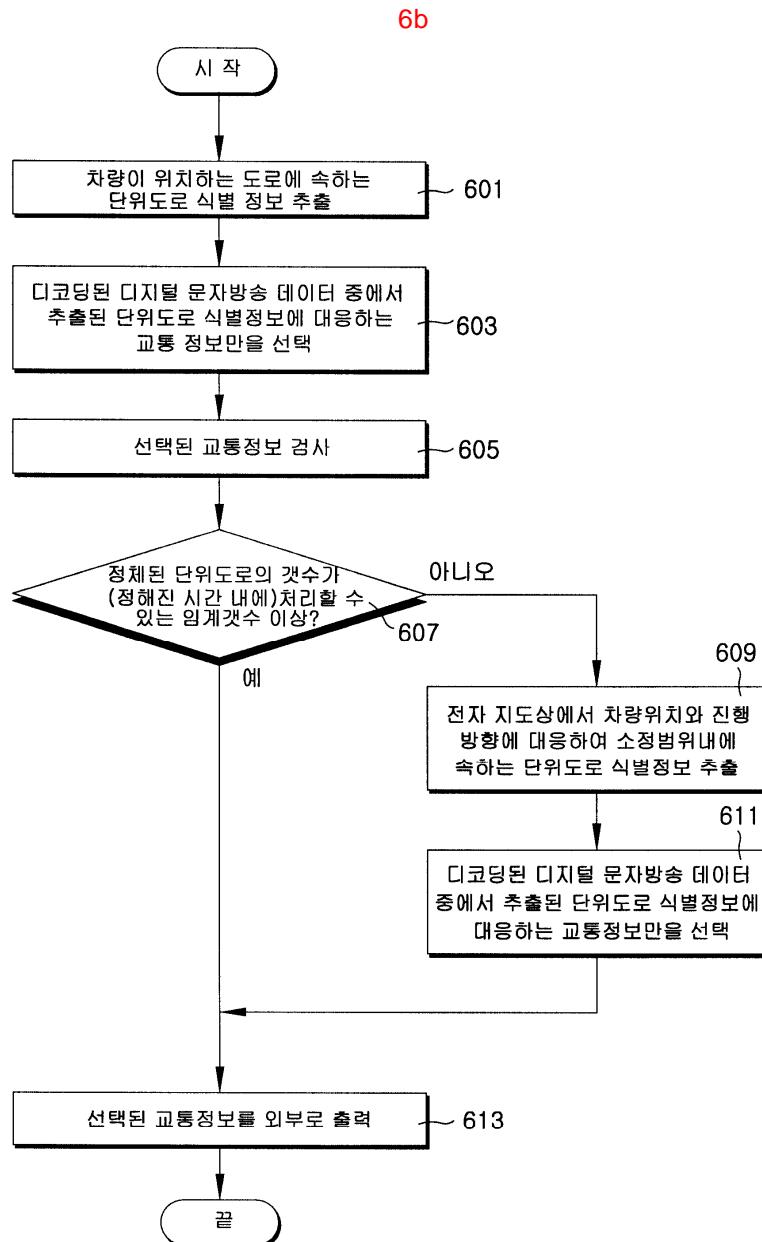


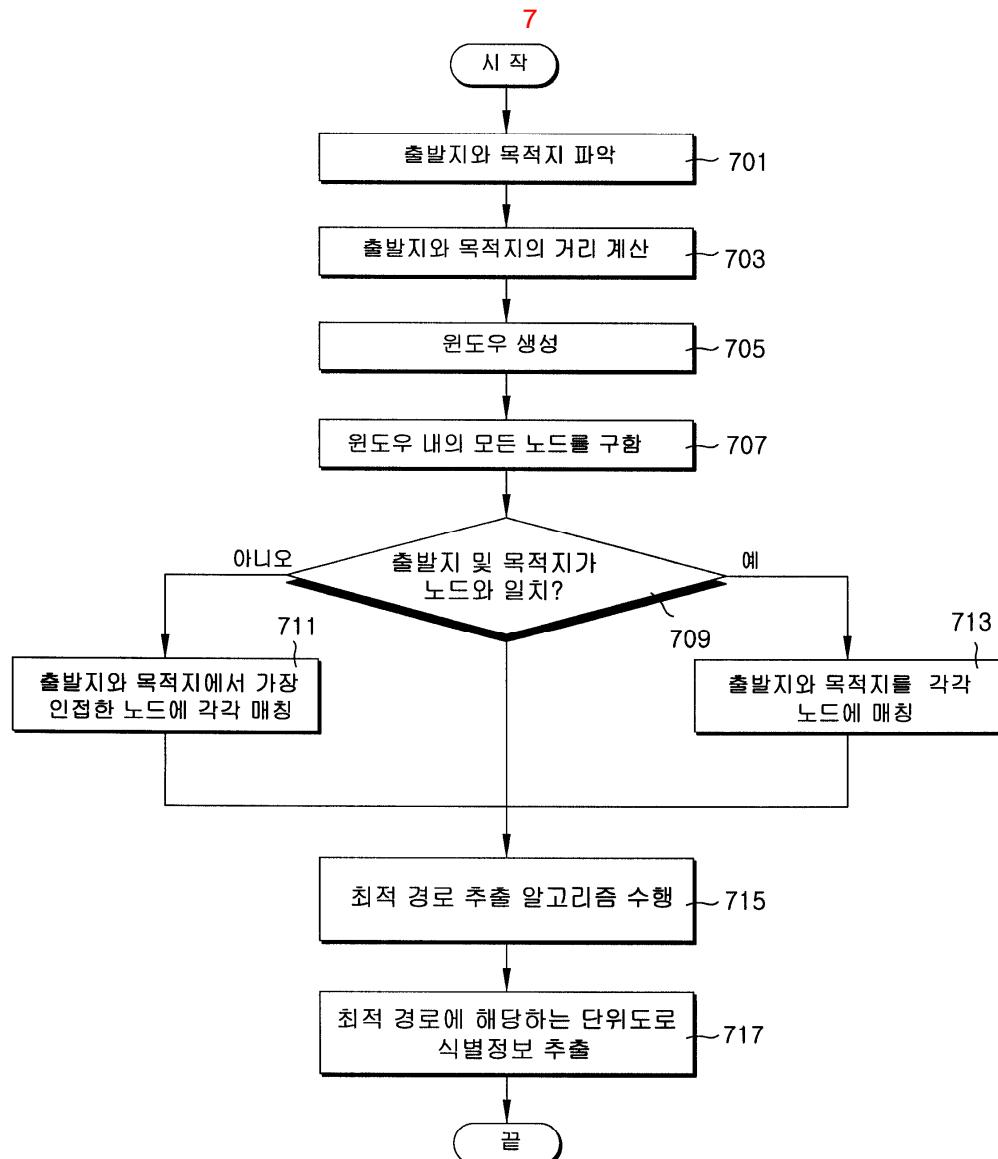
4a



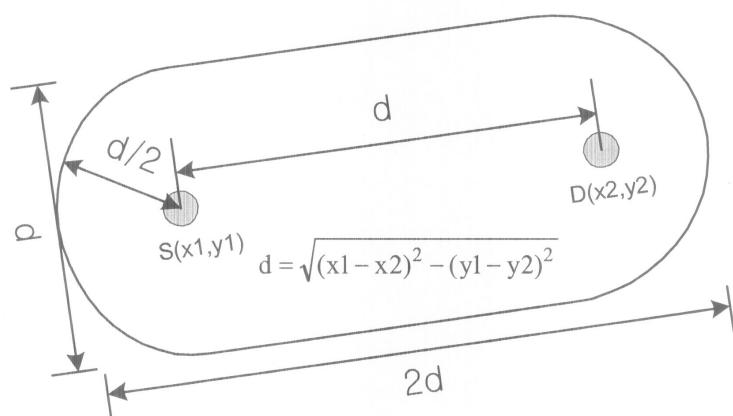


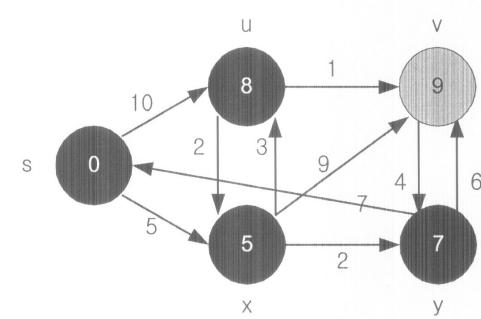
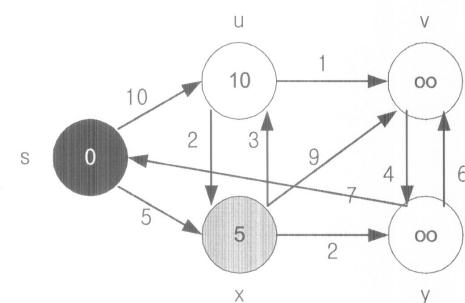
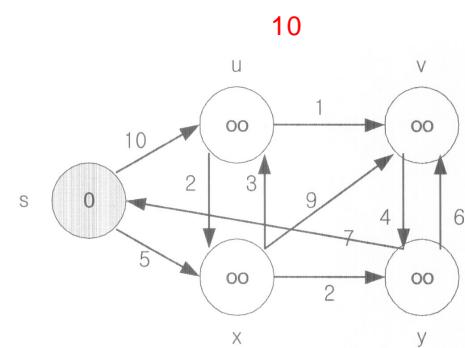
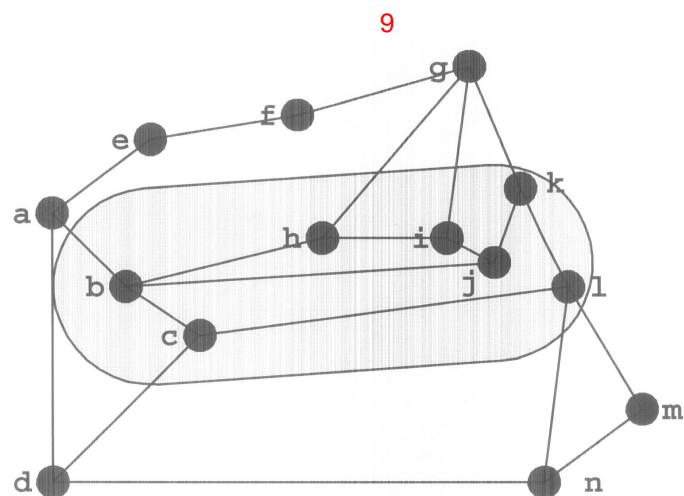






8





11

