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10-0450899
2004 09 20

(21) 10-2002-0030420
(22) 2002 05 30

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4 302

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(54)

, GPS, GIS,

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

가

ARS 가

RDS 가

(Data Radio Channel; DARC)

FM DARC

(Radio Digital System; 가)

10-0325092 (:2002 02 05)(FM DARC)

가

FM DARC

(CNS; Car Navigation System)

(:DARC)

가

가

가

가 (11)

(Node)

(Link)

1

1

(103)

(103) , GPS (121)

GPS (115) , (113) (120) (120)

(120) RF (117) (119) , RF (117)

(101) (119) (GIS:Geographic Information System; 'GIS')

가 (101) (101) 가

(105)

(105)

(107) (119) (105)

(:)

가

가

가

(105)

(105) (121) (123)

(111)

(109)

(109) (111) /

(109) (123)(:) (121)(:LCD) 가

가

가

가

ADPCM(Adaptive Difference Pulse Code Modulation)

(:1))

가 (:5).

1

1

(105), (107) (109)

(109) (110) 가 (103), (105), (107)

2

1

(105) (201). ,
 (107) (202). , (103) 201 (109) 203
 3a (205). 3b 3a
 . (, ,)
 (: ,) , 3a #15 ,
 (#14, #15, #16, #21 #22) .
 3b .
 , (105)가 (301). (105)
 3b , (303). 3a
 가 , 가
 4a , 4b 4a
 가 .
 (: ,) (, ..)
 , #15가 4a #15
 #18, #19, #20, #21, #22, #23, #24, #25
 , 4b .
 (105)가 (401). (105) (105) 가 (407).
 (405). (105) (403). (105) 가
 5a , 5b 5a
 . 가
 (, ,) . 5
 a , A가 , A
 가 (#9,#10,#15,#16,#21)
 . 5b .
 (105) (113) (501). (105)
 (105) 가 () (503).
 (505). (105) (507).
 가 , 가
 6a , 6b 6a
 . 가 .
 (, , ,) 가
 , 가
 가 .
 6b .
 (105)가 가 (601)(
 , 4b .). (107) (603). , 601
 (603), (107) 가
 (607).

가 (:1) , (:5)

607 (103) , (109) 605 (613) 가

607 (105) , 가 (613)

(609). (107) (611). , (103) 609 (109) (613).

605 6b 611 , (:1) , 가

가 2 () 가 1 () 가 .

6b 가 .

가 .

가 .

7 (105) (113) , .

(701). (105) 8 (0.5d) 가 (705). (703)

), (d) (105) (105) (707). ,

9 , a n , b, c, h, i, j, k, l .

가 (105) .(709) (105)

709 (105) 가 (711). ,

709 (105) 가 (713). ,

(105) (715), (717).

7 , 가 , 가

stra Dijkstra 가 . Dijk

10 Dijkstra 가 가 . Dijkstra

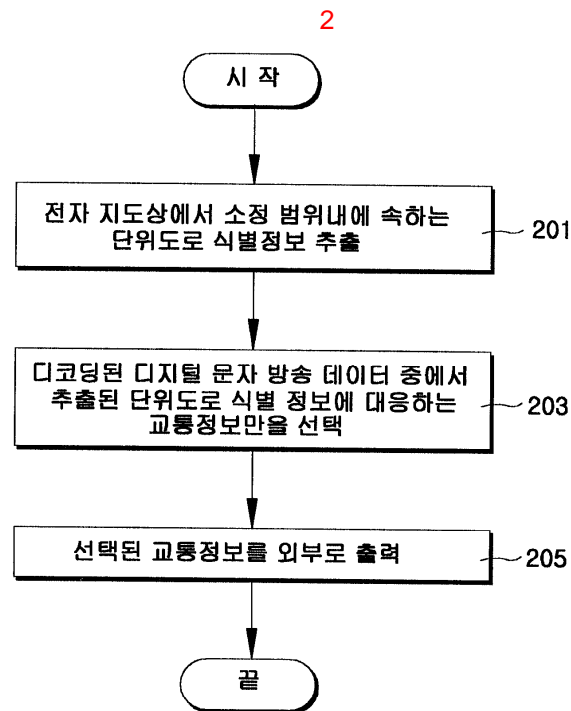
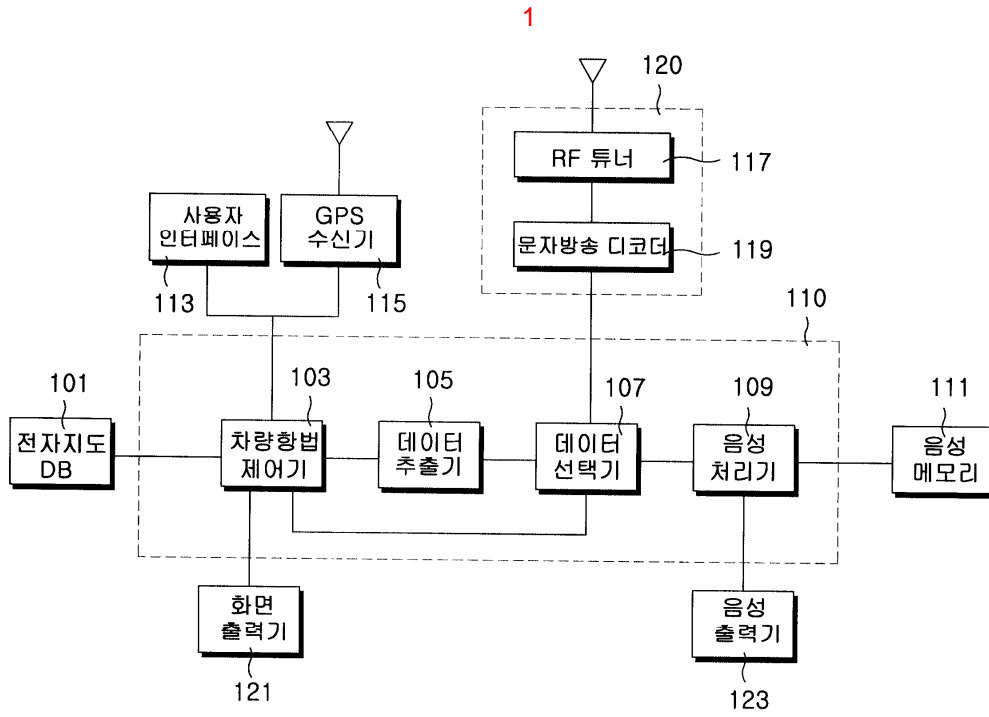
10 (a) s 가 x 2 가 u .

x 가 x s 8 가 .

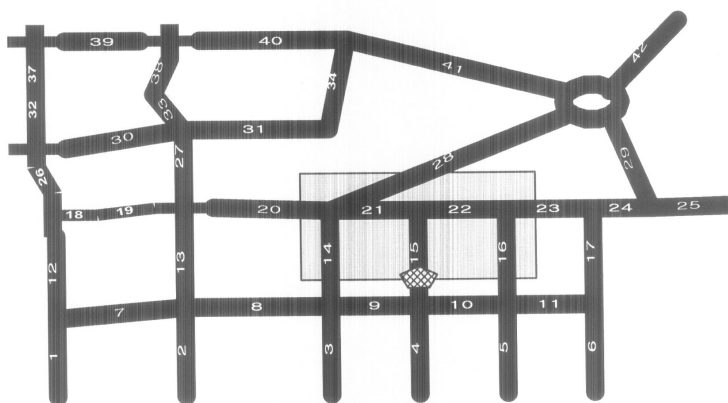
가 s 가 .

(:DARC)

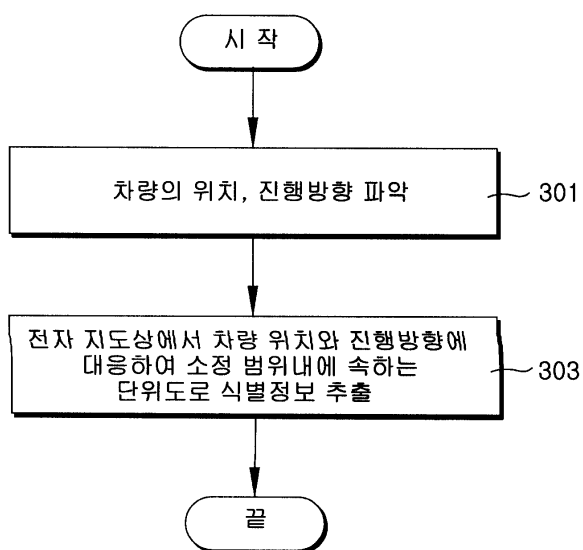
가 가 .



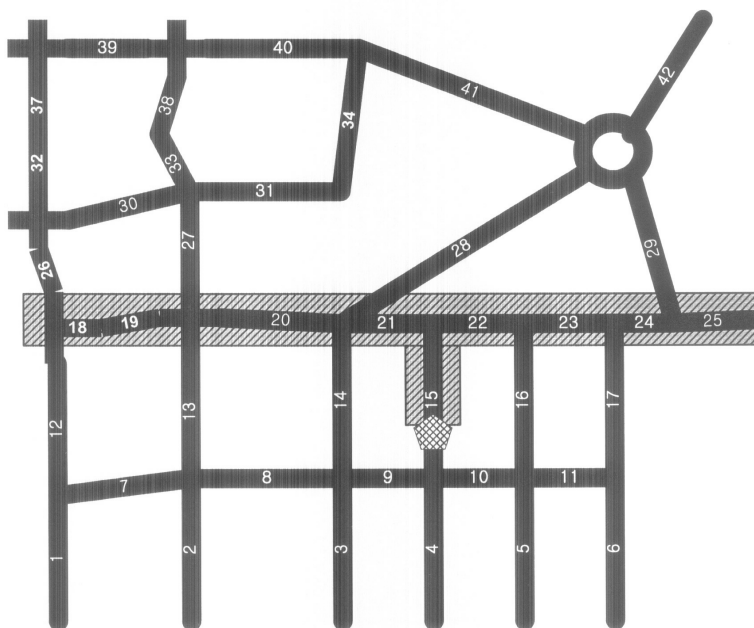
3a



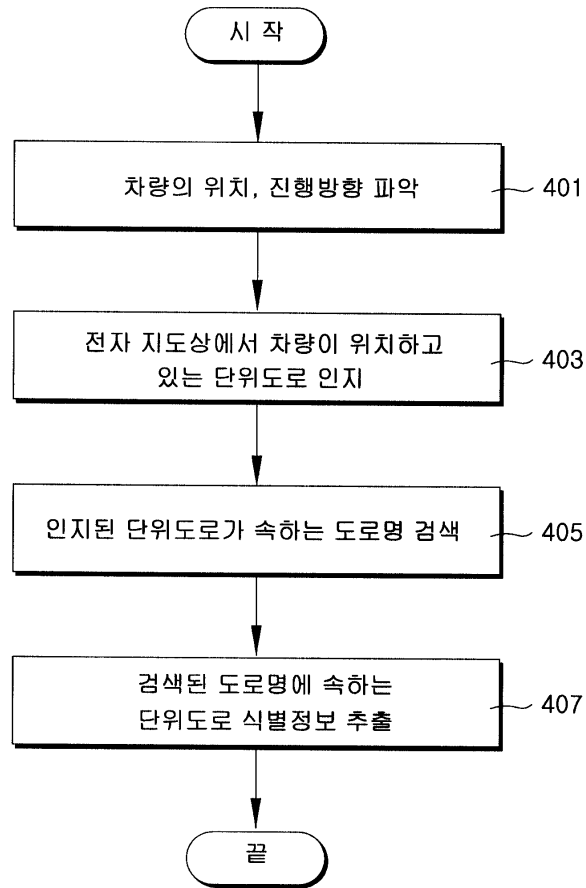
3b



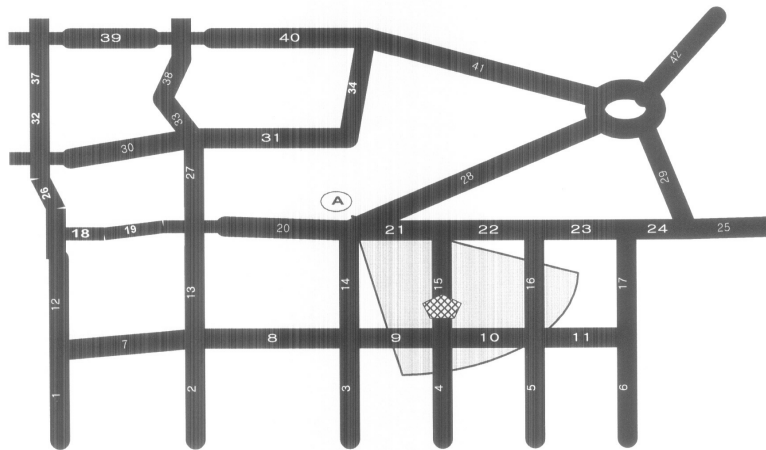
4a



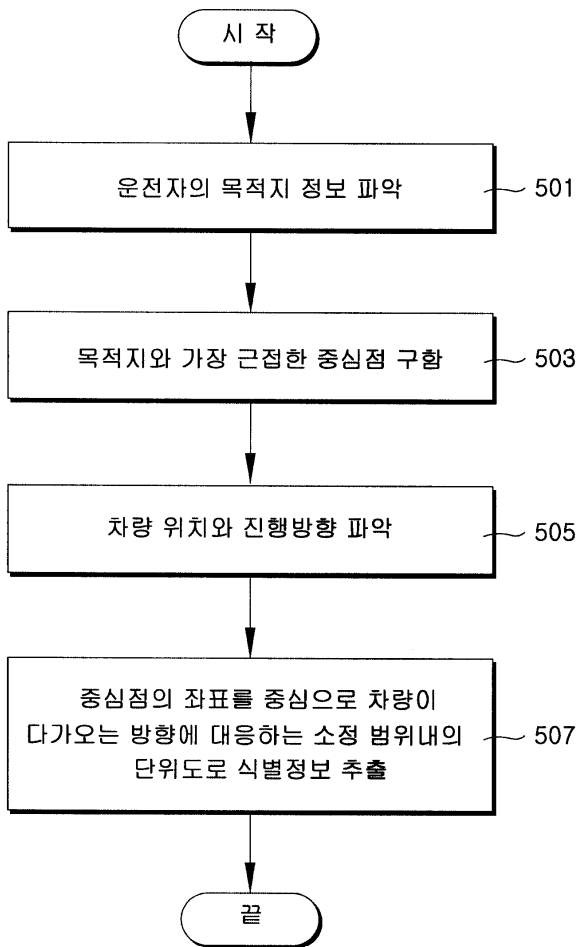
4b



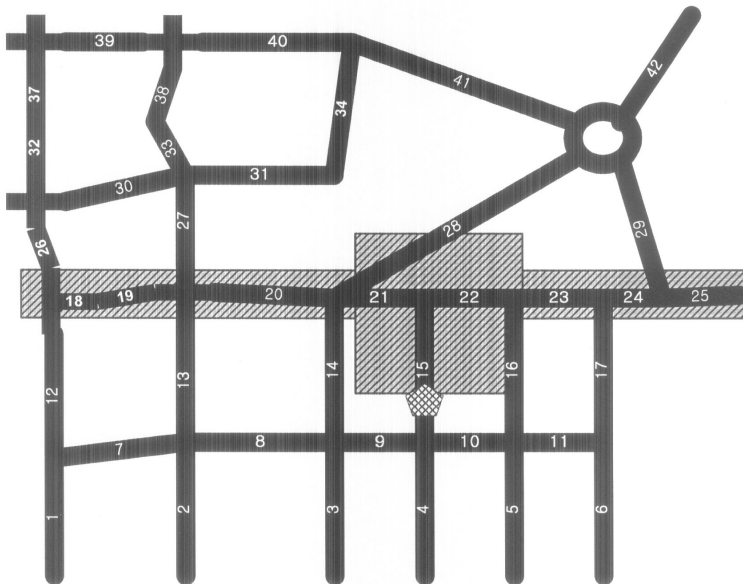
5a



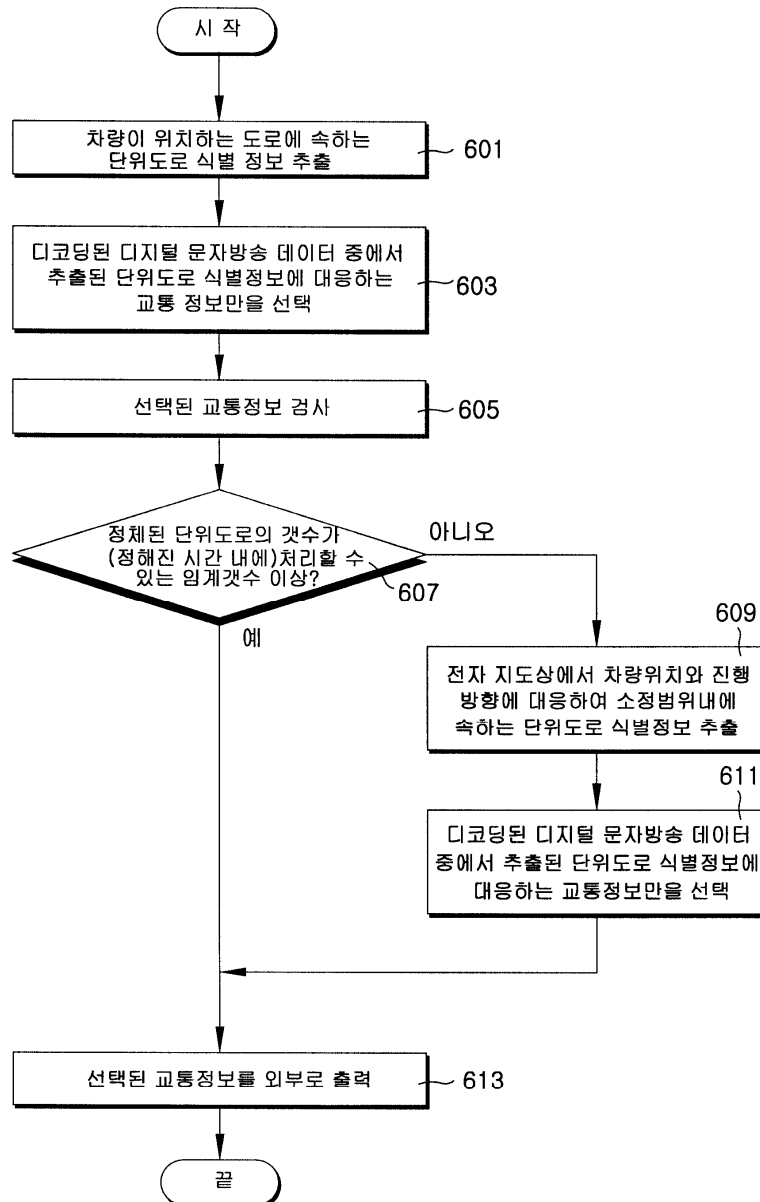
5b

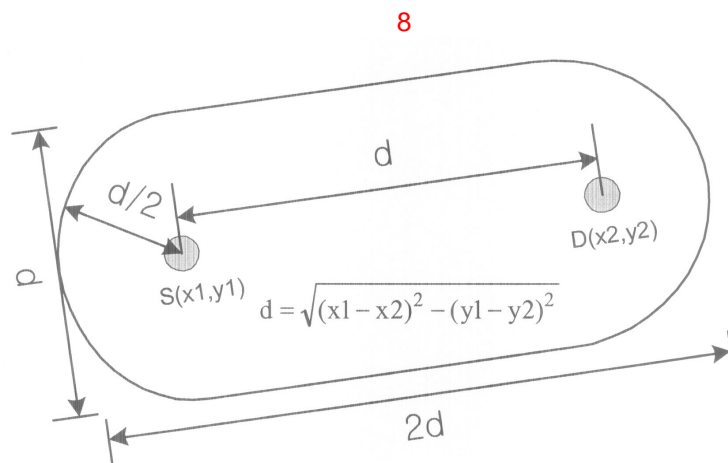
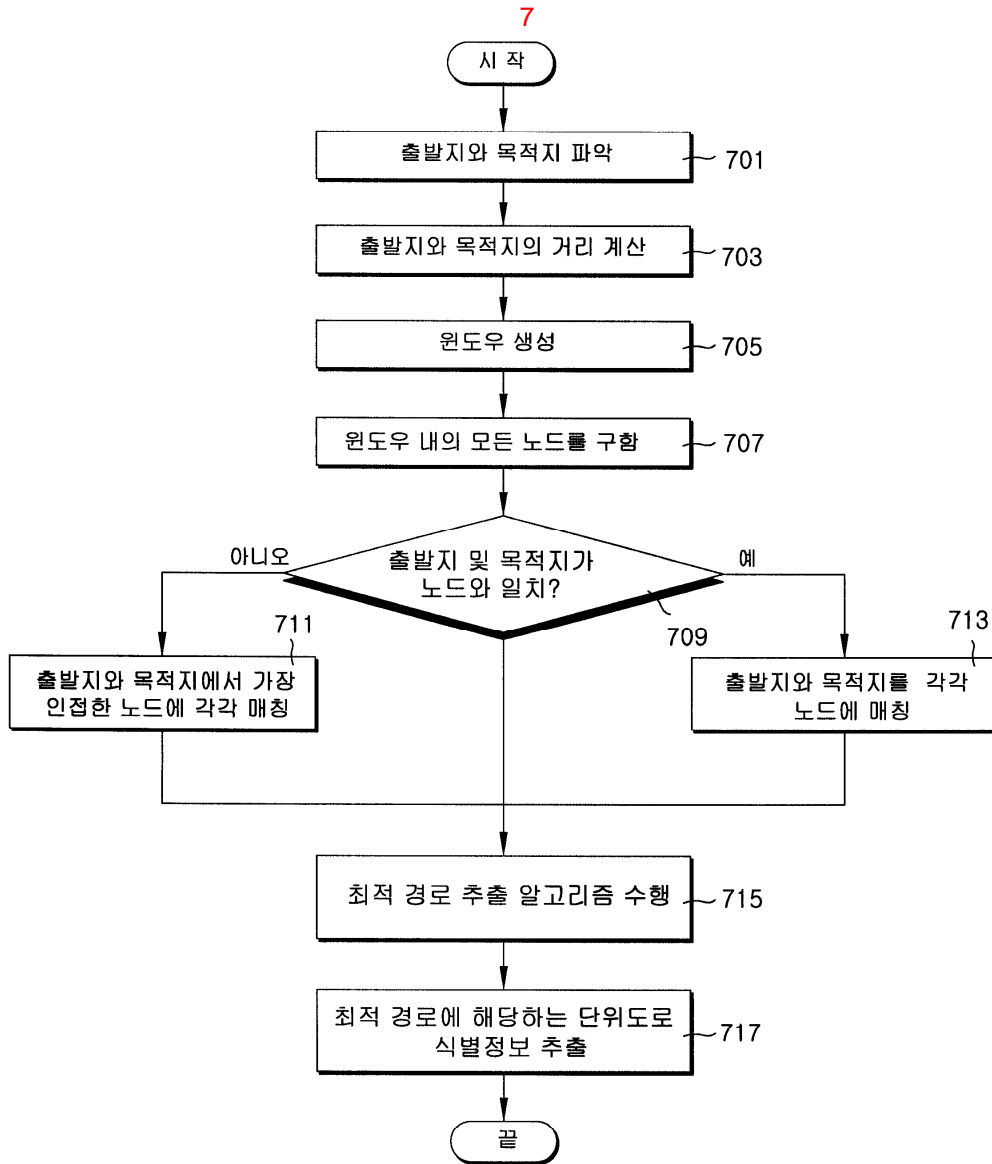


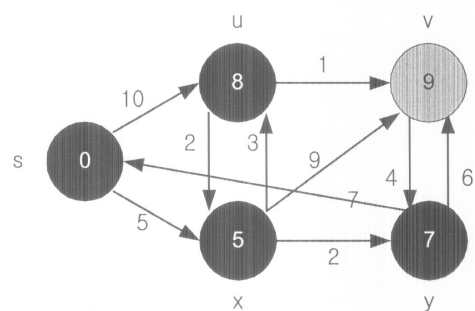
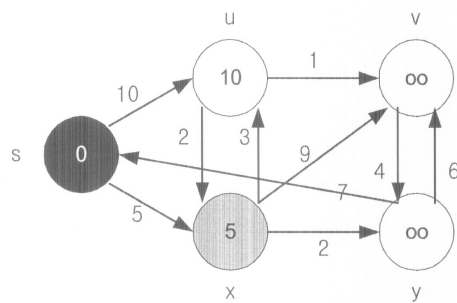
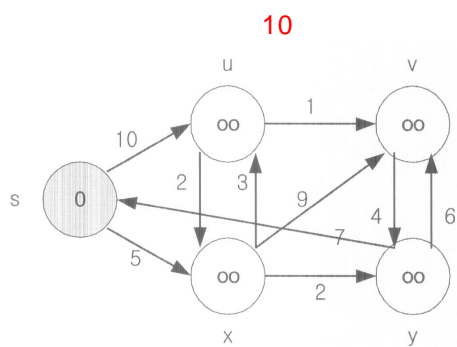
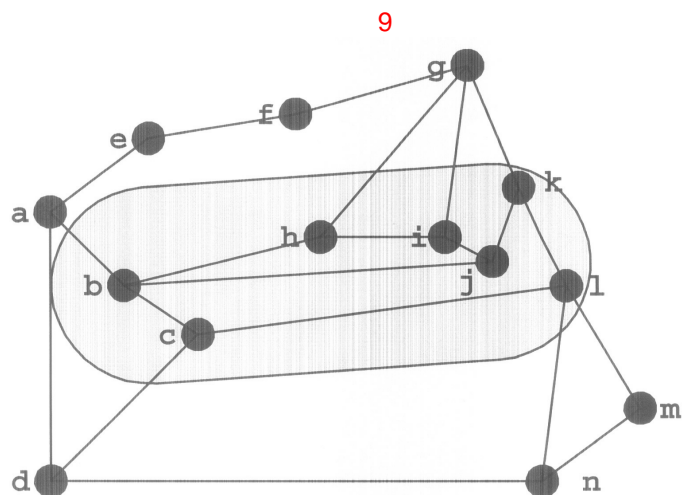
6a



6b







11

