

Matriz de Adjacência (a)							
	A	B	C	D	E	F	
A	0	0	0	1	1	1	
B	0	0	0	1	1	1	
C	0	0	0	1	1	1	
D	1	1	1	0	0	0	
E	1	1	1	0	0	0	
F	1	1	1	0	0	0	

Matriz de Adjacência (B)											
	A	B	C	D	E	F	G	H	I	J	
A	0	1	0	0	1	0	0	0	0	0	
B	1	0	1	0	0	0	1	0	0	0	
C	0	1	0	1	0	0	0	1	0	0	
D	0	0	0	1	0	1	0	0	0	1	
E	1	0	0	0	1	0	0	0	0	1	
F	0	0	1	0	0	0	0	1	1	0	
G	0	1	0	0	0	0	0	0	1	1	
H	0	0	1	0	0	1	0	0	0	1	
I	0	0	0	1	0	1	1	0	0	0	
J	0	0	0	0	1	0	1	1	0	0	

Matriz de Incidência (a)									
	A1	A2	A3	B1	B2	B3	C1	C2	C3
A	1	1	1	0	0	0	0	0	0
B	0	0	0	1	1	1	0	0	0
C	0	0	0	0	0	0	1	1	1
D	0	0	1	1	0	0	1	0	0
E	0	1	0	0	1	0	0	1	0
F	1	0	0	0	0	1	0	0	1

Matriz de Incidência (b)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
B	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
C	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0
D	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
E	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
F	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0
G	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0
H	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
I	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0
J	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1

Lista de Adjacência (a)	
A	D, E, F
B	D, E, F
C	D, E, F
D	A, B, C
E	A, B, C
F	A, B, C

Lista de Adjacência (B)	
A	B, E, F
B	A, C, G
C	B, D, H
D	C, E, I
E	A, D, J
F	A, H, I
G	B, I, J
H	C, F, J
I	D, F, G
J	E, G, H

Busca por Largura (a)	
Evento	Fila
E(a)	a
D(a)	
E(d)	d
E(e)	d>e
E(f)	d>e>f
D(d)	e>f
E(a)	e>f>a
E(b)	e>f>a>b
E(c)	e>f>a>b>c
D(e)	f>a>b>c
D(f)	a>b>c
D(a)	b>c
D(b)	c
D(c)	

Busca por Largura (a)	
Evento	Fila
E(a)	a
D(a)	
E(b)	b
E(e)	b>e
E(f)	b>e>f
D(b)	e>f
E(a)	e>f>a
E(c)	e>f>a>c
E(g)	e>f>a>c>g
D(e)	f>a>c>g
E(d)	f>a>c>g>d
E(j)	f>a>c>g>d>j
D(f)	a>c>g>d>j
E(h)	a>c>g>d>j>h
E(i)	a>c>g>d>j>h>i
D(a)	c>g>d>j>h>i
D(c)	g>d>j>h>i
D(g)	d>j>h>i
D(e)	j>h>i
D(j)	i>h
D(h)	i
D(i)	

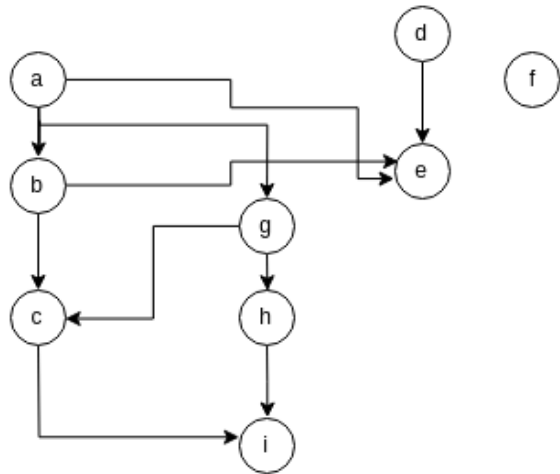
Busca por Profundidade (a)	
a	
a>d>b	
a>d>b>e	
a>d>b>e>c	
a>d>b>e>c>f	

Árvore geradora mínima(a)	
a>d>b>e>c>f	

Busca por Profundidade (b)	
a	
a>b>c	
a>b>c>d	
a>b>c>d>e	
a>b>c>d>e>j	
a>b>c>d>e>j>g	
a>b>c>d>e>j>g>i	
a>b>c>d>e>j>g>i>f	
a>b>c>d>e>j>g>i>f>h	

Árvore geradora mínima(b)	
a>b>c>d>e>j>g>i>f>h	

Grafo ("a")



Evento

Fila

R(f)

f

R(e)

f, e

R(d)

f, e, d

R(i)

f, e, d, i

R(h)

f, e, d, i, h

R(C)

f, e, d, i, h, c

R(G)

f, e, d, i, h, c, g

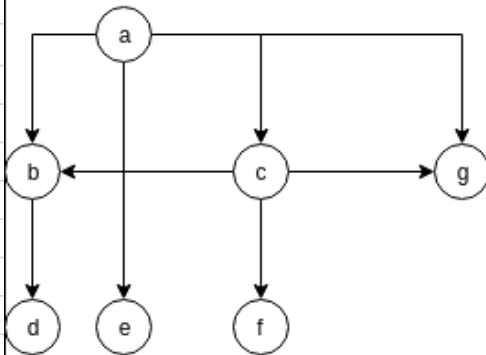
R(B)

f, e, d, i, h, c, g, b

R(a)

f, e, d, i, h, c, g, b, a

Grafo ("b")



Evento

Fila

R(g)

g

R(f)

g, f

R(e)

g, f, e

R(d)

g, f, e, d

R(b)

g, f, e, d, b

R(c)

g, f, e, d, b, c

R(a)

g, f, e, d, b, c, a