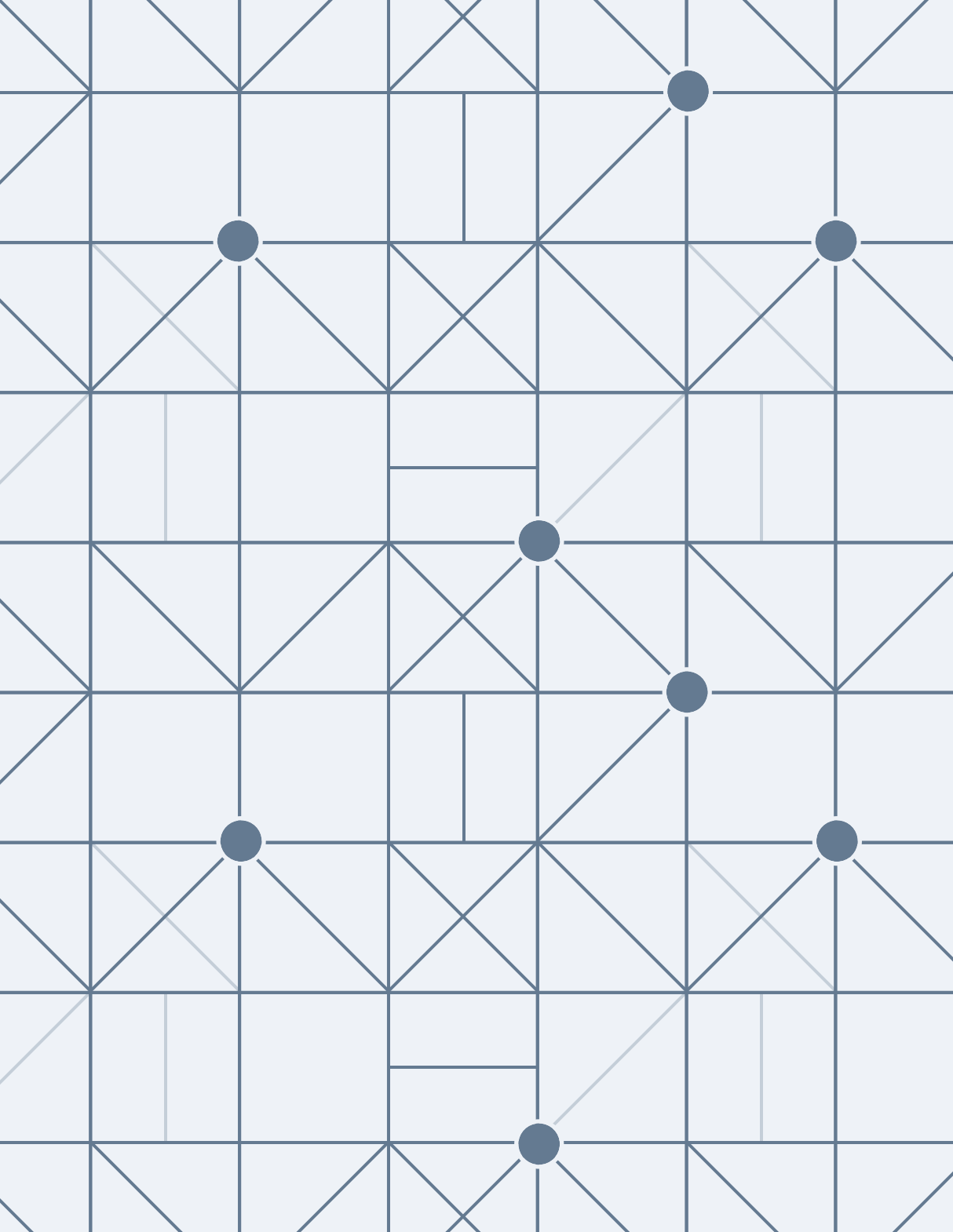
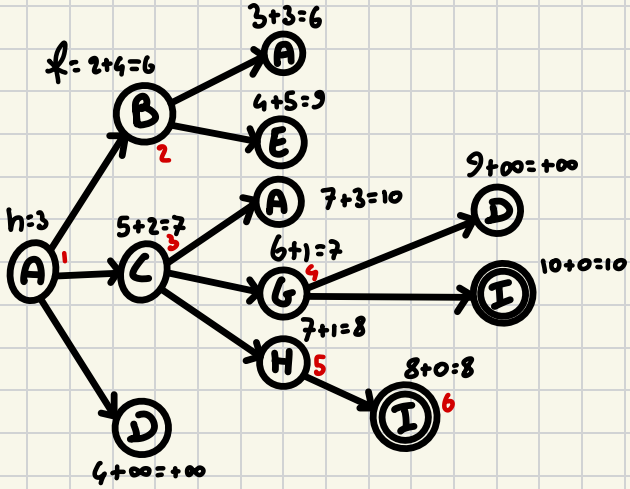


a)

S	h(s)
A	3
B	4
C	2
D	∞
E	5
F	6
G	1
H	1



b)

1) A → B; h(B) = 4
   A → C; h(C) = 2
   A → D; h(D) = +∞

2) C → A; h(A) = 3
   C → H; h(H) = 1
   C → G; h(G) = 1

3) G → D; h(D) = +∞
   G → I; h(I) = 0

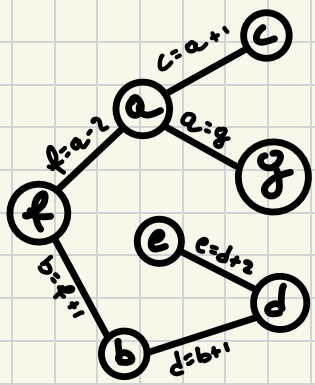
4) I → F; h(F) = 6

c)

A	B	C	D	E	F	G	H	I
8	7	6	6	4	3	2	1	0

SI FERMA SU D

$\Pi = \{(a,c),(a,f),(a,g),(b,d),(b,f),(c,a),(d,b),(d,e),(e,d),(f,a),(f,b),(g,a),(b,d),(b,f),(f,b),(a,f),(c,a),(g,a)\}$



$D_v = \{1,2,3,4,5\}$

1) $a = c-1$ $D_a = \{1,2,3,4\}$
2) $a = f+2$ $D_a = \{3,4\}$
3) $a = g$ $D_a = \{3,4\}$

$\Rightarrow D_a = \{3,4\}$

4) $b = d-1$ $D_b = \{1,2,3,4\}$
5) $b = f+1$ $D_b = \{2,3,4\}$

$\Rightarrow D_b = \{2,3,4\}$

6) $c = a+1$ $D_c = \{4,5\}$

$\Rightarrow D_c = \{4,5\}$

7) $d = b+1$ $D_d = \{3,4,5\}$
8) $d = e-2$ $D_d = \{3\}$

$\Rightarrow D_d = \{3\}$

9) $e = d+2$ $D_e = \{5\}$

$\Rightarrow D_e = \{5\}$

10) $f = a-2$ $D_f = \{1,2\}$
11) $f = b-1$ $D_f = \{1,2\}$

$\Rightarrow D_f = \{1,2\}$

12) $g = a$ $D_g = \{3,4\}$

$\Rightarrow D_g = \{3,4\}$

13) $b = d-1$ $D_b = \{2\}$
14) $b = f+1$ $D_b = \{2\}$

$\Rightarrow D_b = \{2\}$

15) $f = b-1$ $D_f = \{1\}$

$\Rightarrow D_f = \{1\}$

16) $a = f + 2$ $\quad D_a = \{3\}$ } $D_a = \{3\}$

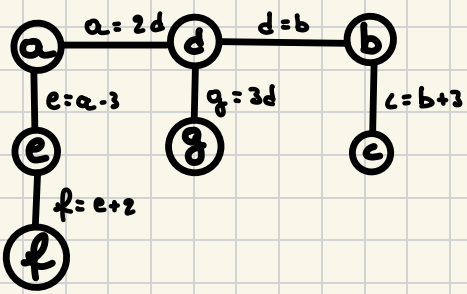
17) $c = a + 1$ $\quad D_c = \{4\}$ } $D_c = \{4\}$

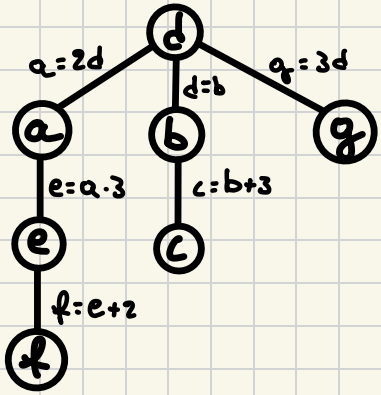
18) $g = a$ $\quad D_g = \{3\}$ } $D_g = \{3\}$

1 PRIMA FARE IL GRAFO

2 CREARE CODA (U,V), (V,U) IN ORDINE ALFABETICO

3 TROVARE I DOMINI





$D_v = \{1, 2, 3, 4, 5, 6\}$

ORDINE: d, a, b, c, e, f, g Revise(γ, $P(v_i)$, v_i)

$i = 7$	Revise(d, g)	$D_d = \{1, 2\}$
$i = 6$	Revise(e, f)	$D_e = \{1, 2, 3, 4\}$
$i = 5$	Revise(a, e)	$D_a = \{4, 5, 6\}$
$i = 4$	Revise(b, c)	$D_b = \{1, 2, 3\}$
$i = 3$	Revise(d, b)	$D_d = \{1, 2\}$
$i = 2$	Revise(d, a)	$D_d = \{2\}$