Vegleiðandi multiple choice roynd b

Which are lower bounds for {b} in A? Both b, e and f.

2. Which is a topological sorting of different ?

d, f, e, c, b, a

3. Which statement is true?

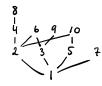


LUB ({b,c}) = a.

A = { 1,2,3,..., 10} equipped with a=b (=> a|b.

Which are the maximal elements?

6,7,8,9,10



Which matrix defines an order relation?

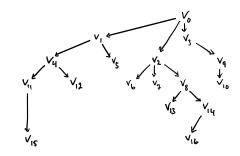
 $A = \mathbb{Z}$ with \leq , and $B = P(\{x,y,z\})$ with \leq . On $A \times B$ we use the lexicographic order. Which is the greatest element of the following? $(4, \{x,y\})$

Which Hasse chagram is not a lattice?



 $\mathbb{Z}_+ \times \mathbb{Z}_+$ with $(x,y) \neq (x',y') \iff x \leq x' \land y \neq y'$. 8. Consider A = {(41), (4,2), (4,4), (2,1), (3,2), (3,3)}. Which statement is true? GLB(A) = (1,1).

7.1.14-18

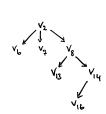


- 14. (a) List land-4 vertices.

 VIS, VIG
 - (b) List all leaves. V15, V12, V5, V6, V7, V13, V16, V10
- 15. (a) Siblings of v2: V1, V3.
 - (b) Descendants of v2: V2, V6, V7, V8, V13, V14, V16.
- 16. (a) Compute the tree T(v4).

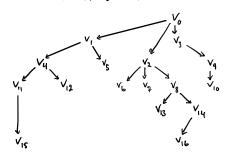


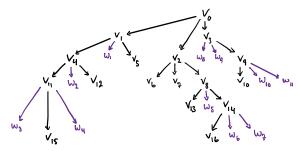
(b) Compute the tree T(v2).



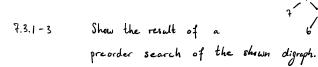
- 17. (a) Height of (T, vo): 4.
 - (b) Height of (T, v4): 2.
- 18. What is the minimal number of vertices to be added to make (T, vo) a complete 3-tree? Drow the new tree.

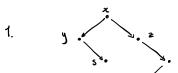
 11 in total.





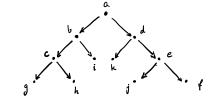
Construct the tree from (7+(6-2))-(2-(y-4))





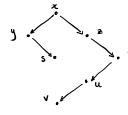
2.

3.

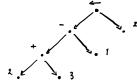


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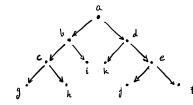
Show the result of on inorder search. 7.3.6-8



7.



δ.



gchbiakdjef

7.3.11-13 Show the result of a postorder search.

