Recall: LUB, GLB

Missing: on Quiz 3

Ramadan Time;

Sun/The 2 21:30

LUB: least upperbound of A if  $x \leq u_i$  & UB.  $u_i$  of A GLB: greatest lower bound of A if  $L_i \leq y$  & L.B.  $L_i$  of A

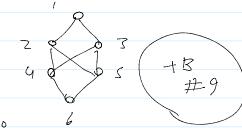
Objective; To find patterns in mathematical structures.

1) Deft, a poset is called a lattice if every two elements have both LUB and GLB

e.g\_

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2 0 9 4 Ves 8



for {2,3} has no GLB