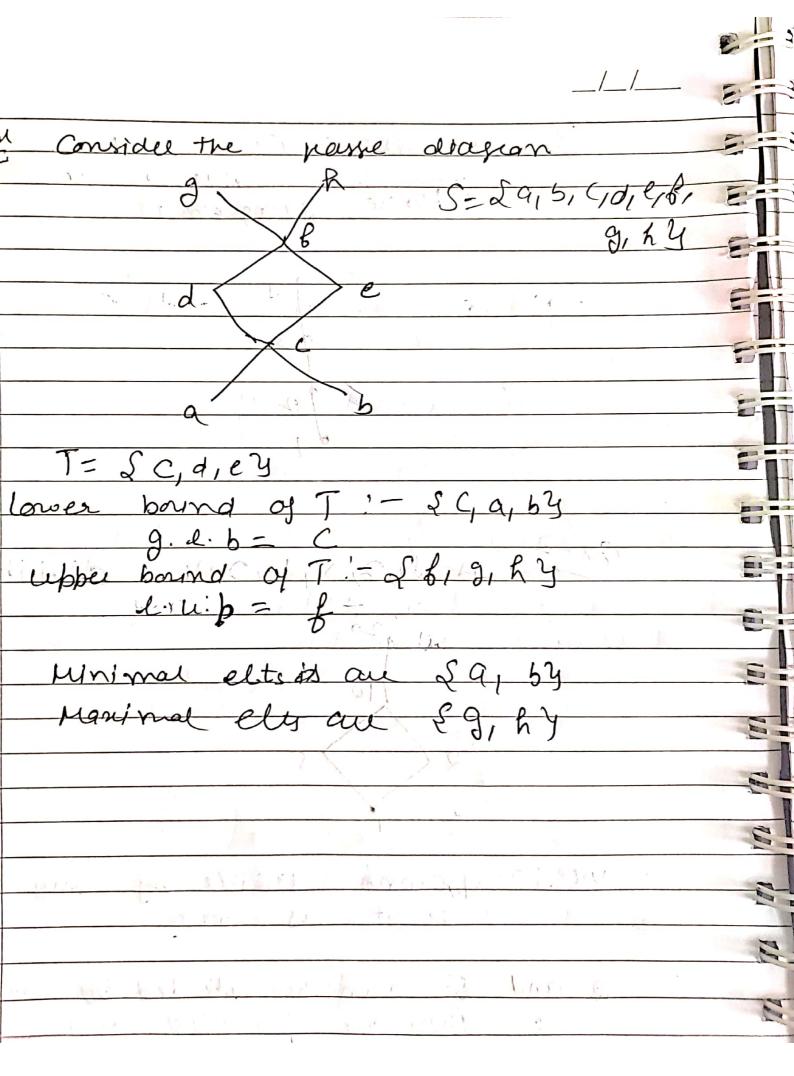


1	vote: - It every pair is compareable	
	then it is said to be sinearly full	
	then it is said to be linearly full)	E
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	1 19111YGL CONUM	4
77	Maximal: let A be a posET	6
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*	be maximal element	6-
	5. f 1 9 5 Ch 20 7	
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Note!	More than one minimal of Monumal	
	01000	
	Lower Bound : let B be a Subset of A wheel	
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		En
ı	Greatest lower bound (Infimum)	-
1		
	least upper band Csupremum.	DI W
	W A = 51, 2, 3 4 5 12	
\	Let $A = \{1, 2, 3, 4, 5, 6\}$ Let $A = \{1, 2, 3, 4, 5, 6\}$	
	BSA .s.t B= 82,4153	
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1124 18	upper Bound of B = \$ 5, 6 3 a	
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	Lower Bounday B= & 1,23	
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3	Lattice:
<u> </u>	is said to be lattice if every
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31	but le 4. b does not
3	ba enist.
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1	- 1 - 1 Degrande part of Trom De rei
=11-	N S= 21/21 3,5, 6, 10, 15, 304 avisibility
- II	30
71	6 1 1 1 C
-11	Lattice
=1	3 3 3
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71	Scanned with CamScanner

In lattice if 2,4 GA A 1/2 Poset) E XVY = Join of x and y = bar upper bund 5 nry - Meet of xandy = quater Bounded Lattice: - A dattice with ripper bound 1 and lower bound lattice Confilement of any element be a bounded eattile and Complement of a 4: avx= I and a1x=0 Note A lattice whose energy element is said to be complemented latike.

