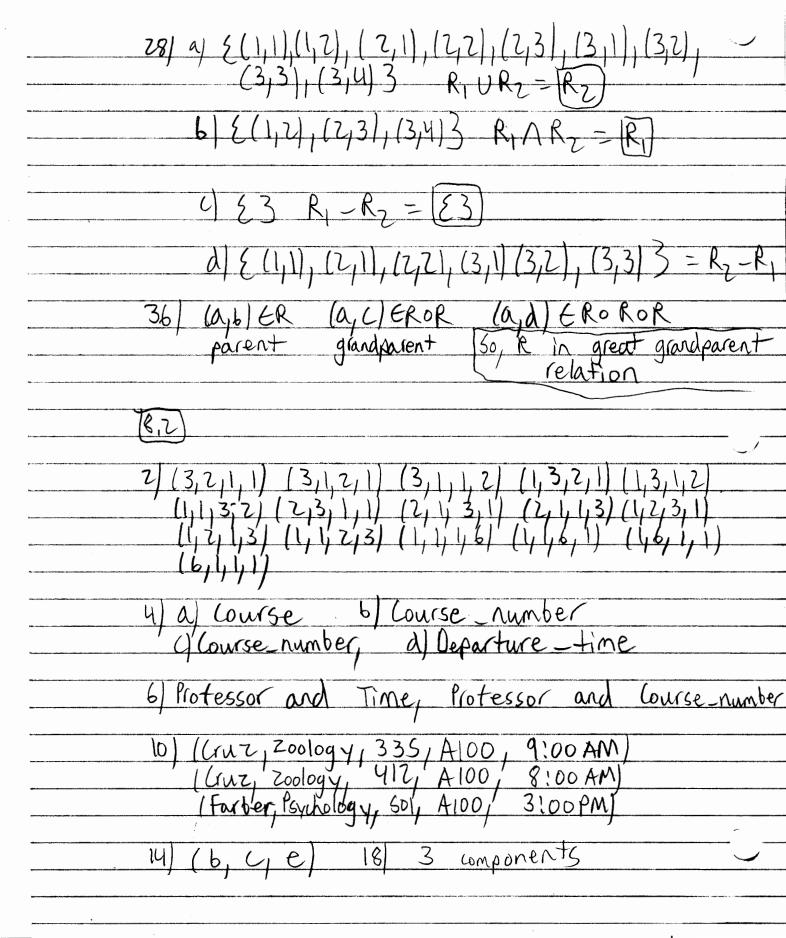
_	
	Assignment 12
	(8.1)
	7 N S (1,1), (1,2), (1,3), (1,4), (1,5), (1,6),
	(2,2), (2,4), (2,6), (3,3) (3,6), (4,4), (5,5) (6,6) 3
	6 1 2 3 9 3 6
	2. 1 X X X X X X X
	3. H. X X X
	y • 4 3 x x
	3 · Y
	6 · S
	6
	4) a) antisymmetric, transitive
	y) a) antisymmetric, transitive b) reflexive, symmetric, transitive c) reflexive, symmetric, transitive d) reflexive, symmetric
	grettexive, symmetric, transitive
	y reflexive, symmetric
	6/ a) symmetric
	b) retlexive, symmetric, transitive
	c) coffexive symmetric transitive
	d antisymmetric
	d'reflexive, symmetric, transitive d'antisymmetric el reflexive, symmetric
	al antisymmetric transitive
	a) antisymmetric, transitive k) symmetric
	10) a 12/ a, d, f, 9, h 14/ it (a,a) ER tor
	every element a ER



22) Both sides of this equation combine the set of n-tuples with m-tuples that are in R and S and satisfy condition C.
ot n-tuples with m-tuples that are in n
. and 5 and salisty condition Ci
8,3
2/2/01/17 2/1001
0001 000
0000 1000
0/01117 4/00007
4) a) { (1,1), (1,2), (1,4), (2,1), (2,3), (3,2), (3,3), (3,4), (4,4) }
(4,4), (4,4), 3, (4,4), 3
11/11/12/12/12/12/12/12/12/12/12/12/12/1
——————————————————————————————————————
C) E(1,2), (1,4), (2,1), (2,3), (3,2), (3,4), (4,1), (4,3)}
8) a symmetric, irreflexive, transitive b) retlexive, antisymmetric c) irreflexive, symmetric, transitive
b) retlexive, antisymmetric
d'irreflexive, symmetric, transitive
WALTO 107 6/0107 0/01/7
- May 0 10 6/010 9/011
/

