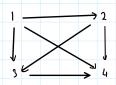
Tugas Motais Himpunan dan Kelan

 $A = \{1, 2, 3, 4\}$

Buatlah digraph dan tunjuktan apakah relah berikut in etuiralen:

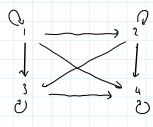
 $k_1 = \{(1,2), (1,3), (1,4), (2,3), (2,4),$ (3,4) }



Reflet tif simetric X
Transitiv V

bukan Relasi e kuivalen

 $R_2 = \{ (1,1), (2,2), (3,3), (4,4), (1,2), (1,3), (1,4) \}$ (2,3) , (2,4) , (3,4) Y



bukan Relasi e kuivalen

R3 = { (1,1), (2,2), (3,3), (4,4) }

Q

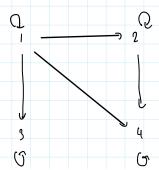
Reflexhy V simetris X Transifif X

bukan Relasi e kuivalen

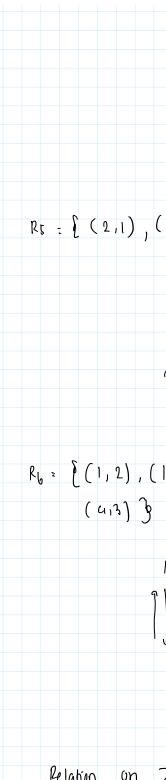
ల్ప

رح

 $P_{4} = \{\{1,1\} (1,2), (1,3), (1,4), (2,2), (2,4), (3,3), (4,4)\}$



Reflekt V J Sirretris X J bukan Relasi e kuivalen Transitif X



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Reflekt	χ				
Sim etas	V	le le	Bukan	relan-	ekinvalen
Transitf)			

Relation on Z	12,	R 2	R3	Ru	Rs	Ru
Reflekri	X	J	/	\checkmark	X	×
Tymetric	X	χ	×	X	×	/
Transin hit	\vee	/	X	×	X	/

A= {1,2,3,4,5} dan R= {(a,b) } E A X A 1 a 2 b 3

1 2 1 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				0	2	11	7																
2 0 0 1 1 1 5 2 reflekt x 2 simetri x 2 tralax equivation	a)	1	•	1	1	1	١	_				l											
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