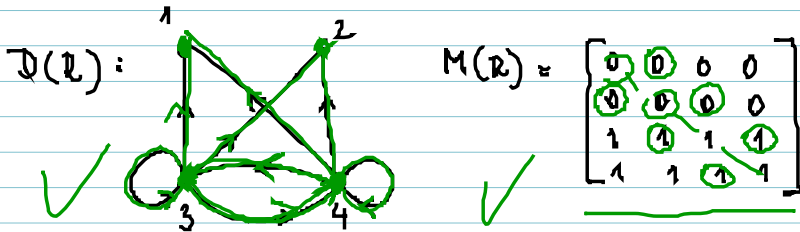
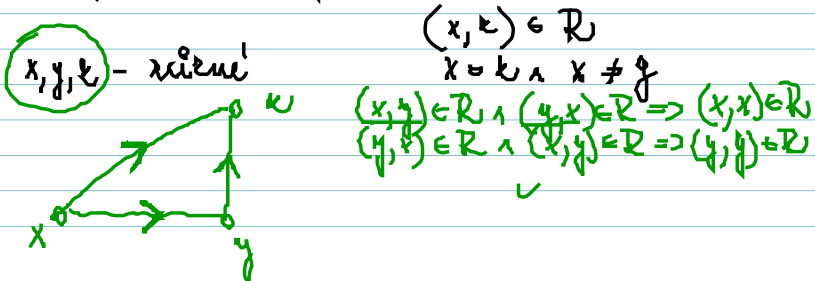


Nárite vlastnosti relace R , která je zadána
 $D(R)$ a $M(R)$.

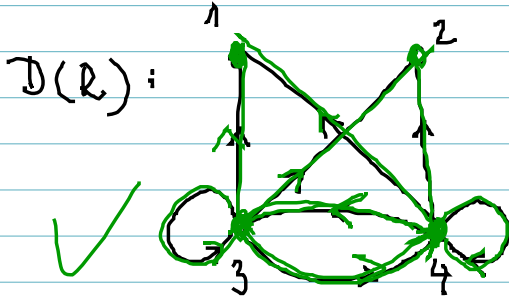


- 1) reflexivita ne ✓ i, j j, i
- 2) symetrie ne ✓
- 3) antisymetrie ne ✓
- 4) tranzitivita ano ✓
- 5) úplnost ne ✓

✓ $\forall x, y, z \in A: (x, y) \in R \wedge (y, z) \in R \Rightarrow$



Určete vlastnosti relace R , která je zadána $D(R)$ a $M(R)$.



$M(R) =$

0	0	0	0
0	0	0	0
1	1	1	1
1	1	1	1

- 1) reflexivita nemí ✓ i, j j, i
- 2) symetrie nemí ✓
- 3) antisymetrie nemí ✓
- 4) tranzitivita ano ✓
- 5) úplnost nemí ✓

✓ $\forall x, y, z \in A: (x, y) \in R \wedge (y, z) \in R \Rightarrow$

x, y, z - nemí



$(x, z) \in R$

$x = z \wedge x \neq y$

$(x, y) \in R \wedge (y, x) \in R \Rightarrow (x, x) \in R$
 $(y, x) \in R \wedge (x, y) \in R \Rightarrow (y, y) \in R$