

Math 2283 - Introduction to Logic

Quiz #24 - 2016.03.21

Name: _____

Let $U = \{0, 1, 2, 3\}$, and consider the relation R which holds true only for the following pairs (x, y) , where x is the element from the domain, and y from the counter-domain.

$\{(0, 0), (1, 1), (2, 2), (3, 3), (2, 1), (1, 2)\}$

Determine whether the relation R has any of the properties: reflexive, irreflexive, symmetrical, asymmetrical, transitive, intransitive, and connected.