

Functions & Relations

Prof. Rey R. Cuenca

DMS, MSU-IIT

Definition

A relation R from the set X to a set Y is a rule that assigns to each element of X at least one element of Y .

X is called the *domain* of R

Y is called the *co-domain* of R

Definition

A relation R from the set X to a set Y is a rule that assigns to each element of X at least one element of Y .



"Hindi ka
ma-zero"



"Nobody is
left behind"

Definition

The range of a relation R is the set of all elements in the co-domain Y that is assigned to some element in the domain X .