

Source:

1 | well defined def

A function $f: A \rightarrow B$ is a relation R from A to B satisfying: i). $\forall a \in A, \exists! b \in B: (a, b) \in R$ ii). $\forall a \in A, \forall b_1, b_2 \in B: (a, b_1), (a, b_2) \in R \implies b_1 = b_2$

A function is well defined if: