

Composition of relations

A composition of relations R and S on set A is the relation $S \circ R$ on set A

- the pair $(a, c) \in S \circ R$ if and only if $a, b \in A$ such that $(a, b) \in R$ and $(b, c) \in S$
- like with functions, first evaluate starting from the right and going leftward (or from inside going outside)