

# Cartesian product

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## 1 DEFINIZIONE

Given two sets  $A$  and  $B$ , the Cartesian product  $A \times B$  is the set of all ordered pairs  $(a, b)$  where  $a \in A$  and  $b \in B$ .

## 2 NOTAZIONE

$$A \times B = \{(a, b) | a \in A \text{ and } b \in B\}$$

## 3 ESEMPIO

## 4 APPROFONDIMENTI

- TITLE