

planetmath.org

Math for the people, by the people.

transformation

Canonical name Transformation

Date of creation 2013-03-22 12:20:19 Last modified on 2013-03-22 12:20:19

Owner rmilson (146) Last modified by rmilson (146)

Numerical id 6

Author rmilson (146) Entry type Definition Classification msc 03E20

Synonym mapping function

Related topic Invariant
Related topic Mapping
Related topic Fixed

Synonym of *mapping* and *function*. Often used to refer to mappings where the domain and codomain are the same set, i.e. one can compose a transformation with itself. For example, when one speaks of *transformation* of a space, one refers to some deformation/rearrangement of that space.