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Maresch, Günter

Spatial ability the phases of spatial ability research.

J. Geom. Graph. 17, No. 2, 237-250 (2013).

Summary: The article first of all illustrates the historic implementation of spatial ability as an aspect of intelligence, then describes the factors which have been identified as constituting spatial ability and its historic genesis, and finally takes a look at the present discussion on the subject of factors of spatial ability, small-scale and large-scale tasks, mental imagery, working memory and problem solving strategies.

Classification: C30 G40 G20 D20

Keywords: spatial ability; visualization; spatial perception; spatial relations; mental rotation; spatial orientation; working memory; mental imagery; small-scale and large-scale tasks; dynamic spatial ability
<http://www.heldermann.de/JGG/JGG17/JGG172/jgg17020.htm>