

Gender differences in spatial problems solving: factors and reasons

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Article presents the literary review of research studies on theme gender differences in mental rotation of images, which is the one of aspects of spatial thinking. In modern psychology the theme of studying of gender differences is very urgent, that is shown on big numbers of publications in this area. The influence on gender differences by following factors as age of respondents, motivation, choice of solving strategy and character of stimulant material is discussed in the article. All these factors are important, but none of them is the reason of differences beginning. At the end of the article gender differences are examined in a context of spatial activity. It was advised to search for reasons in gender differences in types of activity to which the child is engaged from the early childhood.

Key words: mental rotation, gender differences, spatial thinking, spatial types of activity.