

Self-Efficacy in Mathematics and Students of Geometric Levels of District Una of Himachal Pradesh

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Abstract: *The objective of the present study is to determine the relationship between Mathematics Self-efficacy and acquisition of Geometric levels of Class XI students i.e., their geometrical thinking levels. The sample consisted of 800 students, both male and female of Class XI, selected from 25 schools in the district of Una of Himachal Pradesh. The tools used were the “Mathematics Self Efficacy Questionnaire” adapted from Mathematics Self Efficacy and Anxiety Questionnaire (MSEAQ), (May 2009). The results show that self-efficacy differs among students with different geometric levels. In particular, the higher the Geometric level of students, the better their self-efficacy. Thus, self-efficacy in mathematics can be regarded as a factor in the acquisition of Geometry.*

Keywords: Self-efficacy, Geometric Level, Mathematics, critical thinking

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