

Effects of mathematical problem solving on the beliefs and attitudes of future mathematics teachers

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Abstract: In this talk we present the results of a research on the impact of an innovative problem solving course in a teacher's training program in Santiago of Chile.

The research regarded the affective dimension and mathematical problem solving with emphasis on problem solving methodology, heuristics, affective dimension, historical problems, among other contents.

Our findings not only establish that there were changes in the students beliefs and attitudes regarding problem solving, but also showed they now perceive the subject as an amazing and previously unexplored space in their program.