

CSASC 2013

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Proving in secondary school mathematics

Content :

There are two different approaches to proofs presentation in secondary school mathematics: 1) proofs, as a special separate topic, 2) proofs, as a part of mathematics building. Although proving has an irreplaceable position in the mathematics curricula, its priority in mathematics education is steadily marginalized by students as well as by teachers. The presentation will describe the current status of proving in secondary school mathematics and how the use of computers and visualisation could increase the popularity of this field of mathematics.

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