

TEACH HOW TO PROOF INTERACTIVELY IN MATHEMATICS CLASS USING AUTOMATED THEOREM PROVING

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Abstract

The most problem of many teachers in every country is to find what methods to use for teach their students about how to proof some mathematical theorems, formal or informal proof, for improve their proof-writing skills. As every teacher know, proving skill is very important not just for sharpening students mind but it is important to improve their writing skill and reasoning skill. In this paper I suggested one method from many of how to teach students to proof mathematical theorems using automated theorem proving software. This software could be used for teaching students interactively about proof in particular subject like logic, set theory, and some elements of number theory that are common to all branches of mathematics. The software is user-friendly so every student can do self-study for improve their self in proof and reasoning skills.

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