

Lacing: A Novel Way to Teach Polynomial or Rational Inequalities

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Abstract:

This article presents a new technique for solving polynomial and rational inequalities. It has been used to solve polynomial inequalities for years by math teachers in China, where it is called lacing. Lacing offers advantages over the test-point and sign table methods employed by most algebra textbooks, and as this article shows, can also be applied to inequalities involving rational expressions.



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