

ZMATH 2008d.00370

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Is the optimal rectangle a square?

Pi Mu Epsilon J. 12, No. 7, 405-412 (2007).

Summary: This note centers around the extent to which products of concave functions have a unique maximum point. The main result leads to simple solutions of several problems from basic calculus, based on the idea of symmetry

Classification: I40 I20

Keywords: optimization; extreme value problems; area function; log-concave functions; concavity