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Volume 8, Issue 1, Article 15

The Equal Variable Method

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Keywords: Symmetric inequalities, Power means, EV-

Theorem.

Date Received: 01/03/06 **Date Accepted:** 17/04/06

Subject Codes: 26D10, 26D20.

Editors: Peter S. Bullen,

Abstract: The Equal Variable Method (called also n-1 Equal Variable Method on the

> Mathlinks Site - Inequalities Forum) can be used to prove some difficult symmetric inequalities involving either three power means or, more general, two power means and an expression of form

 $f(x_1) + f(x_2) + \cdots + f(x_n)$.

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