

journal of inequalities in pure and applied mathematics



Home Editors Submissions Reviews Volumes RGMIA About Us

Volume 3, Issue 3, Article 35

An Inequality Improving the Second Hermite-Hadamard Inequality for Convex Functions Defined on Linear Spaces and Applications for Semi-Inner Products

Authors: Sever S. Dragomir,

Keywords: Hermite-Hadamard integral inequality, Convex

functions, Semi-Inner Products.

Date Received: 16/11/01 **Date Accepted:** 21/02/02

Subject Codes: 26D15,26D10,46B10.

Editors: Alexandru Lupas (1942-2007),

Abstract: An inequality for convex functions defined on linear spaces is obtained which

contains in a particular case a refinement for the second part of the

celebrated Hermite-Hadamard inequality. Applications for semi-inner products

on normed linear spaces are also provided.

Download Screen PDF

Download Print PDF

Send this article to a friend

Print this page

search [advanced search] copyright 2003 terms and conditions login