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Keywords Authors A Generalized Trapezoid Inequality for Functions of Bounded Variation

P. CERONE, S. S. DRAGOMIR School of Communications and Informatics, Victoria University of Technology, PO Box 14428, Melbourne City MC, Victoria 8001-AUSTRALIA, e-mail: pc, sever@matilda.vu.edu.au and

C. E. M. PEARCE Department of Applied Mathematics, The University of Adelaide, Adelaide, South Australia 5005-AUSTRALIA, e-mail: cpearce@maths.adelaide.edu.au

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math@tubitak.gov.tr

Scientific Journals Home Page <u>Abstract:</u> We establish a generalization of a recent trapezoid inequality for functions of bounded variation. A number of special cases are considered. Applications are made to quadrature formulae, probability theory, special means and the estimation of the beta function.

Key Words: Trapezoid inequality, bounded variation, numerical integration, beta function.

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