## **Turkish Journal of Mathematics**

**Turkish Journal** A Perturbed Version of the Ostrowski Inequality for Twice Differentiable Mappings A. SOFO, S. S. DRAGOMIR of School of Communications and Informatics Victoria University of Technology **Mathematics** PO Box 14428, Melbourne City MC Victoria 8001, AUSTRALIA Abstract: A generalisation of a perturbed version of the Ostrowski inequality for twice differentiable **Keywords** mappings is studied. It is shown that the error bounds are better than those obtained previously. Authors Applications for general quadrature formulae are also given. Key Words: Ostrowski Integral Inequality, Quadrature Formulae. Turk. J. Math., 25, (2001), 379-412. Full text: pdf math@tubitak.gov.tr Other articles published in the same issue: Turk. J. Math., vol.25, iss.3. Scientific Journals Home Page