PARAMETRIZED KLAMKIN’S INEQUALITY
AND IMPROVED EULER’S INEQUALITY

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Abstract. In this paper, the authors present a generalization of Klamkin’s inequality by introducing a parameter, which relaxes the conditions of Klamkin’s inequality. As applications, some improved versions of Euler’s inequality are obtained.

Key words and phrases: Klamkin’s inequality; Euler’s inequality; Bándilá’s inequality; parameter; sharpening; generalization.

REFERENCES