GENERALIZED ČEBYŠEV AND KY FAN IDENTITIES AND INEQUALITIES

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Abstract. We give generalization of Čebyšev and Ky Fan integral identities and inequalities for functions of two variables by using higher order derivatives. Generalized discrete Čebyšev identity and inequality is also discussed.

Keywords and phrases: Čebyšev identities, Ky Fan identities, convex functions.

REFERENCES