Witkowski, Alfred

Inequalities of Levin-Stečkin, Clausing and Chebyshev revisited. (English) Zbl 1441.26021


Summary: We prove the Levin-Stečkin inequality using Chebyshev’s inequality and symmetrization. Symmetry and a slightly modified Chebyshev inequality are also the key to an elementary proof of Clausing’s inequality.

MSC: 26D15 Inequalities for sums, series and integrals

Full Text: DOI

References:


This reference list is based on information provided by the publisher or from digital mathematics libraries. Its items are heuristically matched to zbMATH identifiers and may contain data conversion errors. It attempts to reflect the references listed in the original paper as accurately as possible without claiming the completeness or perfect precision of the matching.