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Bounds on certain nonlinear discrete inequalities. (English) [Zbl 1152.26327](#)

[J. Math. Inequal.](#) 2, No. 2, 279-286 (2008).

Summary: Our aim in this paper is to investigate certain nonlinear discrete inequalities which provide explicit bounds on unknown functions. The inequalities given here can be used as tools in applications in the theory of certain finite difference and sum-difference equations.

MSC:

[26D15](#) Inequalities for sums, series and integrals

[39A99](#) Difference equations

Cited in 7 Documents

Keywords:

[discrete inequality](#); [bound](#); [nonlinear](#); [difference equation](#)

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