

A NEW INTEGRAL INEQUALITY WITH POWER NONLINEARITY AND ITS DISCRETE ANALOGUE

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关键词 [Nonlinear integral inequality](#)

分类号

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Abstract A new integral inequality with power nonlinearity is obtained, which generalizes some extensions of L. Ou-Iang's inequality given by B.G. Pachpatte. Discrete analogy of the new integral inequality and some application examples are also indicated.

Key words [Nonlinear integral inequality and equation](#) [bound on solutions](#) [discrete analogue](#)

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