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A part-metric variant of Newton's inequalities. (English) Zbl 1242.26041

Math. Inequal. Appl. 15, No. 2, 353-359 (2012).

Summary: This note gives a part-metric variant of Newton's inequalities. A particular case proved useful recently in the study of difference equations involving ratios of elementary symmetric polynomials.

MSC:

26D20 Other analytical inequalities

26C05 Real polynomials: analytic properties, etc.

Keywords:

Newton's inequalities; symmetric functions; elementary symmetric polynomials; part-metric; difference equations

Full Text: [DOI](#)