



Volume 10, Issue 1, Article 19

	Generalized \$\lambda\$-Newton Inequalities Revisited
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Keywords:	Elementary symmetric functions, \$lambda\$- Newton inequalities, generalized \$lambda\$- Newton inequalities, arithmetic mean-geometric mean inequality, positive stable matrices, determinant-trace inequality.
Date Received:	23/10/08
Date Accepted:	10/02/09
Subject Codes:	05A20, 05E05, 15A15, 15A42, 15A45, 26D05
Editors:	Jerry J. Koliha,
Abstract:	We present in this work a new and shorter proof of the generalized $\lambda$ -Newton inequalities for elementary symmetric functions defined on a self-conjugate set which lies essentially in the open right half-plane. We also point out some interesting consequences of the generalized $\lambda$ -Newton inequalities. In particular, we establish an improved complex version of the arithmetic mean-geometric mean inequality along with the corresponding determinant-trace inequality for positive stable matrices.



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