

On Wielandt type inequalities for powers of complex matrices

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Abstract

© 2016, Pleiades Publishing, Ltd. The criterion for coincidence of spectral radiuses of a complex matrix A and of the matrix $|A|$ obtained by replacing entries of A by their absolute values was given by Wielandt. In this paper we give the new criterion for the above coincidence.

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Keywords

exponent of matrix, Irreducible matrix, spectral raduis