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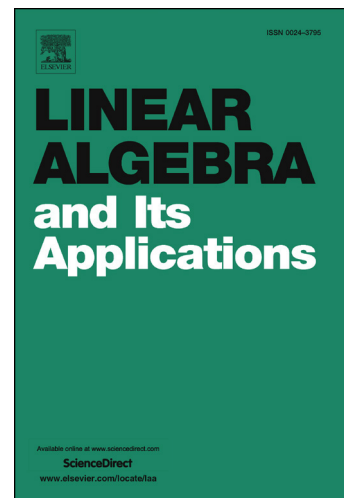
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Abstract

A matrix inequality of Thompson is extended. As an application, a partial affirmative answer to a recent question of Lin is provided.

AMS Subject Classification (2010): 15A42, 47A63.

Keywords: Matrix inequalities; Positive semidefinite matrix; Eigenvalue; Singular value.

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