Gan, Mengting; Li, Chaoqian
Further study on the optimal error bounds of linear complementarity problems for B-Nekrasov matrices. (Chinese. English summary) [Zbl 07448763]

Summary: In this paper, we further study the optimal value problem of the error bound with parameters for the linear complementarity problem of B-Nekrasov matrices. By using the monotonicity of the function, we obtain the optimal value of the error bound under the given conditions, and verify the results by numerical examples.

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90C33 Complementarity and equilibrium problems and variational inequalities (finite dimensions) (aspects of mathematical programming)

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linear complementarity problem; error bound; B-Nekrasov matrix; P-matrix; Nekrasov matrix