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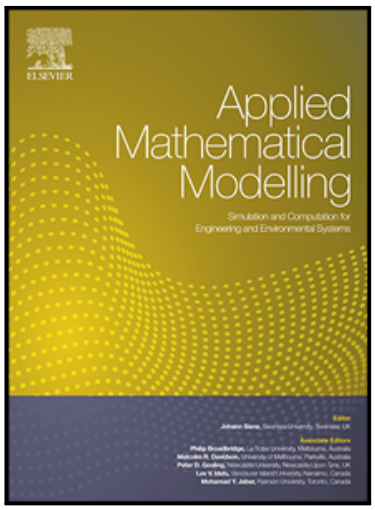

An analytical model for solving generalized interval eigenvalue problem

Youqin Huang , Yanyan Liu

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Highlights

- Theorem and corollaries are derived for generalized interval eigenvalue problems.
- An effective way to discriminate the sign invariance of eigenvector is presented.
- The analytical model solves the exact bounds of eigenvalue with high efficiency.
- Inapplicability of existing methods and superiority of proposed model are revealed.

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