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DETERMINATION AND CORRECTION OF AN INCONSISTENT SYSTEM OF LINEAR INEQUALITIES

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摘要
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DETERMINATION AND CORRECTION OF AN INCONSISTENT SYSTEM OF LINEAR INEQUALITIES

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Abstract In this paper the problems to determine an inconsistent system of linear inequalities and to correct its right-hand side vector are solved by using the isometric plane method for linear programming. As an example, the suitable perturbation quantity of the perturbed inequalities of ill-conditioned linear equations is determined in the numerical experiments.

Key words

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