

عنوان مقاله:

Algebraic Solving of Complex Interval Linear Systems by Limiting Factors

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خلاصه مقاله:

In this work, we propose a simple method for obtaining the algebraic solution of a complex interval linear system where coefficient matrix is a complex matrix and the right-hand-side vector is a complex interval vector. We first use a complex interval version of the Doolittle decomposition method and then we restrict the Doolittle's solution, by complex limiting factors, to achieve a complex interval vector such that satisfies the mentioned system

کلمات کلیدی:

Complex interval vector, Complex interval linear system, Complex interval Doolittle decomposition method

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