عنوان مقاله:

A MULTILEVEL PRECONDITIONING FOR LARGE LINEAR SYSTEMS

محل انتشار:

سی و هشتمین کنفرانس ریاضی ایران (سال: 1386)

تعداد صفحات اصل مقاله: 1

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خلاصه مقاله:

This paper has dealt with the multilevel preconditioning methods based on the recursi ve used of a 2*2 block incomplete factorization procedure in which the Schur complement is approximated by a coarse grid matrix. It has shown that how the successful development of a multgrid and hierarchical basis method prompted the introduction of equivalent algebric technique. Some numerical results of these methods with two problems will be examined.

کلمات کلیدی:

Interative method for linear systems, Multigrid methods

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