论文

A MULTI-PARAMETER SPLITTING EXTRAPOLATION AND A PARALLEL ALGORITHM FOR PARABOLIC PROBLEM

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摘要   In this paperl we show that the finite element solution of parabolic equation hasa multi-parameter asymptotic error expansion. From this expansion, a multi-parameter splitting extrapolation method and a Parallel algorithm for solving parabolic equations with higher order accuracy are developed.

关键词   Parabolic equation, finite element, mult
分类号

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Key words   Parabolic equation   finite element   multi-parameter error expansion   parallel algorithm   multi-param

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