论文

AN EXTRAPOLATION METHODFOR FINITE ELEMENT APPROXIMATION OF INTEGRODIFFERENTIAL EQUATIONS WITH PARAMETERS

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摘要   In this paper, we discuss the accelerating convergence method for finite element approximation of integro-differential equations with parameters. As applications, we give the error estimates of finite element for the first kind of Fredholm integral equation, particularly for the Volterra integral equation with kernel condition k(x,x)=0.

关键词   Extrapolation, finite element method, in
分类号

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Key words   Extrapolation   finite element method   integro-differential equation   regularization

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