论文

HIGH ACCURACY ANALYSIS FOR FIRST ORDER HYPERBOLIC EQUATIONS BY PETROV-GALERKIN METHODS

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摘要   In this paper we employ the Petrov-Galerbo method for the first order hyperbolic problems to get the Galerkin approtoation of high accuracy by means of the interpolation postprocessing, extrapolation and defect correction techniques.

关键词   Petrov-Galerldn methods, global supercon
分类号

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Abstract In this paper we employ the Petrov-Galerbo method for the first order hyperbolic problems to get the Galerkin approtoation of high accuracy by means of the interpolation postprocessing, extrapolation and defect correction techniques.

Key words   Petrov-Galerldn methods   global superconvergence   extrapolation   defect correction

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