



The Hong Kong Polytechnic University Department of Applied Mathematics

Colloquium

Unconditional Super-convergence Analysis of FEMs for some Nonlinear Evolutional PDEs

By

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Abstract

In this talk, we will present some new developments on the Unconditional super-convergence error analysis of both conforming and non-conforming FEMs for some nonlinear evolutional PDEs. Numerical results are provided to illustrate the theoretical analysis.

Date: 11 April 2022 (Monday) Time: 10:00-11:00 (Hong Kong Standard Time GMT +8) Venue: Online Talk via Zoom (Meeting ID: 943 5391 6165) Speaker: Prof. Dongyang Shi, Zhengzhou University Host: Prof. Zhonghua Qiao, The Hong Kong Polytechnic University Click to join: https://polyu.zoom.us/j/94353916165?pwd=TU1pTU5vdDRDdTJSUnF1Y0VUdzE2Zz09



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