The Hong Kong Polytechnic University
Department of Applied Mathematics

Seminar

On

Polynomial Preserving Recovery: Recent Development and Application

by

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Abstract

Gradient recovery is a post-processing technique in finite element methods, which is widely used in commercial softwares such as Ansys, MCS/Nastran, Pro/Mechanica, etc. In this talk, we will discuss a gradient recovery method called polynomial preserving recovery (PPR) and its recent development on reconstructing the Hessian matrix and application in mesh refining and in the commercial software COMSOL-MultiPhysics.

Date : 13 Jun, 2013 (Thursday)
Time : 11:00 a.m. – 12:00 noon
Venue : HJ610, The Hong Kong Polytechnic University

*** * * ALL ARE WELCOME * * ***