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Seminar

Model Reduction Techniques and Numerical Analysis in a nut shell

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Abstract

In this talk, we introduce some fundamental problems considered in the field of numerical analysis (AMS Class: 65). To approximate a solution of a partial differential equations, one may use some numerical methods to translate a continuous, abstract problem into a discrete, concrete linear system. Next, we discuss some useful model reduction techniques (for partial differential equations) that make fast computation feasible in practical applications. Several numerical examples will be presented to illustrate these ideas.

Date: 20 December 2019 (Friday)
Time: 1:00pm – 2:00pm
Venue: Room 239, Lady Shaw Building,
The Chinese University of Hong Kong, Shatin

All are Welcome