



**The Hong Kong Polytechnic University
Department of Applied Mathematics**

Colloquium

Constrained optimization method for ill-posed problems

by

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Abstract

We develop the constrained optimization method for ill-posed problems. We formulate the least square problem for the ill-posed problems with non-negative constraint and the side constraints. We demonstrate the feasibility of our approach for remedying the ill-posed numerical method for Burgers equation and applying it to ill-posed inverse problems.

Date : 22 March, 2016 (Tuesday)

Time : 11a.m. – 12noon

Venue : TU801, The Hong Kong Polytechnic University

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