

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

Seminar

Minimization of Discontinuous Functions

By

**Prof. Jong-Shi PANG
University of Southern California**

Abstract

Starting with some applications for a broad class of such problems, I will define some stationarity concepts, introduce a local convexity-like condition, and discuss how an epigraphical formulation and a noniffier approach are applicable for the design of solution methods for the computation of such stationary solutions.

Biography

Elected as a member of the National Academy of Engineering in February 2021, Professor Jong-Shi Pang joined the University of Southern California as the Epstein Family Chair and Professor of Industrial and Systems Engineering in August 2013. Prior to this position, he was the Caterpillar Professor and Head of the Department of Industrial and Enterprise Systems Engineering at the University of Illinois at Urbana-Champaign for six years between 2007 and 2013. He held the position of the Margaret A. Darrin Distinguished Professor in Applied Mathematics in the Department of Mathematical Sciences and was a Professor of Decision Sciences and Engineering Systems at Rensselaer Polytechnic Institute from 2003 to 2007. He was a Professor in the Department of Mathematical Sciences at the Johns Hopkins University from 1987 to 2003. Professor Pang has served as the Department Academic Advisor of the Department of Applied Mathematics, and is a Visiting Chair Professor at the Hong Kong Polytechnic University. He is Editor-in-Chief of SIAM Journal on Optimization.

Date: 24 May 2023 (Wednesday)

Time: 14:00-15:00 (Hong Kong Standard Time GMT +8)

Venue: M301

Speaker: Prof. Jong-Shi Pang, University of Southern California

Host: Prof. Xiaojun Chen, The Hong Kong Polytechnic University

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