

Department of Mathematics
City University of Hong Kong

Colloquium

Organised by Prof. Tong YANG and Dr Xianpeng HU

Anderson Acceleration: Convergence Theory and Numerical Experience

by

Professor C.T. Kelley
North Carolina State University,
USA

Abstract :

We will discuss recent results on the local convergence of Anderson Acceleration. This is an algorithm for accelerating the convergence of fixed point or Picard iteration. In this talk we will discuss the first convergence results for the method, illustrate the results with an application to radiative transport, report on some recent results, and list a few open questions.

Date: 10 May 2018 (Thursday)
Time: 4:30 – 5:30pm
Venue: B5-307, Blue Zone, Floor 5, Yeung Kin Man Academic Building (AC1)
City University of Hong Kong

**** All interested are welcome ****
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