The Hong Kong University of Science and Technology

Department of Mathematics

<u>Seminar on Applied Mathematics</u>

Overview on time optimal control problems

by

Prof. Gengsheng WANG
Tianjin University

<u>Abstract</u>

We present a general framework on time optimal control problems (for evolution equations), and several examples under this framework. We introduce main subjects for this framework.

In particular, we show two of the most important time optimal control problems, as well as their connections. They are the minimal time control problem and the maximal time control problem, which are under our framework.

Date: **Thursday, 19 April 2018**

Time: **3:00p.m. – 4:00p.m.**

Venue: **Room 4475 (Lifts 25, 26), Academic Buildings, HKUST**

All are welcome!