



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON APPLIED MATHEMATICS

**Characterizations of stabilization for linear and
periodic impulse control systems**

By

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Abstract

We present a control strategy: Adding several control machines into a linear system at periodic time instants. It can describe multi-person cooperations. The system now is a linear and periodic impulse control system. We show characterizations of stabilization for such systems; present ways to design feedback controls; give positions where time instants can be.

Date : 10 January, 2020 (Friday)
Time : 3:00pm – 4:00pm
Venue : Room 4502, Academic Building
(Lifts 25-26), HKUST

All are Welcome!