



**THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY**

**Department of Mathematics**

**SEMINAR ON APPLIED MATHEMATICS**

**Quasiperiodic Schrödinger operators I:  
cantor spectrum**

**By**

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**Abstract**

This lecture will demonstrate how to prove that the spectrum of quasiperiodic Schrödinger operators—specifically, the Almost Mathieu operator (AMO)—is a Cantor set.

**Date : 20 January 2026 (Tuesday)**

**Time : 4:00pm - 5:00pm**

**Venue : Room 4472 (Lift 25/26)**

*All are Welcome!*