The Hong Kong University of Science and Technology

Department of Mathematics

<u>Special Departmental Colloquium</u>

Generalized Hadamard jump conditions and microstructure

by

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<u>Abstract</u>

The talk will describe generalizations of the Hadamard jump condition and their possible applications to microstructure in martensitic phase transformations. In particular, such a generalized jump condition gives some information about microstructures in a bicrystal under simplified assumptions about the geometry and phase transformation. This is joint work with Carsten Carstensen (Humboldt University, Berlin).

Date: *Monday, 26 November 2018*
Time: *3:00p.m. - 4:00p.m.*
Venue: *Lecture Theatre E,*
                  Academic Building, HKUST

All are welcome!