

中央研究院數學研究所

Institute of Mathematics, Academia Sinica

Taipei Postdoc Seminar

Speaker : Dr. Catalin Carstea
(National Center for Theoretical Sciences)

Title : *Uniqueness for the inverse boundary value problem of anisotropic elasticity with piecewise constant coefficients*

Abstract :

I will consider in this talk the case of the anisotropic elasticity equation with piecewise constant coefficients. I will show how, under some assumptions on the geometry of the boundaries, one may determine the coefficients adjacent to the outer boundary and derive a uniqueness result for the inner coefficients, using measurements made on a portion of the boundary.

Time : 11:00 – 12:30, Wednesday, June 28, 2017

Venue : **Room 404**, Astro-Math. Buidling (NTU Campus)

Organizer : Yu-Yen Chien (NCTS), Jyun-Ao Lin (Academia Sinica)

Refreshment : 10:30

中央研究院數學研究所 敬上

2017.06.21