

國立中山大學應用數學系

學術演講

講者：Professor Alexander Grigo

University of Oklahoma, Norman, USA

講題：Averaging in a fully coupled system with singularities

時間：2019/11/7 (Thursday)

(1) 15:10 ~ 16:00 ; (2) 16:10 ~ 17:00

地點：(1) 理學院四樓理 SC 4009-1 室(in deed)

(2) 理學院四樓多功能互動教室(discussion time)

茶會：15:00 於理 SC 4010 室(系辦公室)

Abstract

In this talk I will discuss a particular fast-slow system, and describe an averaging theorem. I will also explain how this particular slow-fast system arises in a certain problem of energy transport in an open system of interacting hard-spheres. The technical aspect involved in this is how to deal with singularities present and the fact that the dynamics is fully coupled.

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