## 國立交通大學應用數學系 學術演講公告

主講人:陳國璋教授(清華大學數學系)

講 題: Self-similar solutions in celestial mechanics

時 間:109年3月10日(星期二)下午14:00-15:00

地 點:(光復校區)科學一館 223 室

茶 會:當天下午 13:30 (科學一館 205 室)

## Abstract

Self-similar solutions for the n-body problem, whose configurations are known as central configurations, are of special importance in celestial mechanics. Many questions regarding their shapes, finiteness, and stability are long standing open questions. In this talk we will briefly introduce its history, discuss some open problems and their difficulties, and describe some recent progresses.

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