

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Edmund Y.-M. Chiang**

( *Hong Kong University of Science and Technology* )

报告题目:

**Complex oscillation theory and  
semi-finite gap problems**

邀请人: 胡星标 研究员

报告时间: **2016 年 12 月 6 日 (周二)**

**上午 14:00-15:00**

报告地点: 数学院南楼七层

**702 教室**

## **Abstract:**

**We give general and semi-finite gap solutions to classical Whittaker-Hill equation. This extended the classical work of Ince (1923). We shall first introduce various physical origins of the Whittaker-Hill equation, then we shall show how the spectral distribution problem is related to complex oscillation theory of linear differential equations with periodic coefficients from Nevanlinna 's value distribution theory.**

**欢迎大家参加！**