

数学与系统科学研究院

计算数学所学术报告

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报告题目：

**Explicit Inversion of Hankel Matrices
Via Associated Orthogonal Systems**

邀请人： 常向科 助理研究员

报告时间：2017年11月1日（周三）

下午 14:30-15:30

报告地点： 数学院科技综合楼三层

311 报告厅

报告摘要:

This talk is based on a paper published on AMS Proceedings of mine many years ago. It is true that the Askey-Wilson polynomials were found via computing determinants directly, it is also true that many other orthogonal systems are not found in this way.

In this talk we shall show a method to let you write out the explicit formulas for the determinants and inverses of the associated Hankel matrices once you know the explicit form of the general orthogonal system.

欢迎大家参加！