

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. John J.S. Wu**

(Artificial Intelligence Alliance of Chinese Academy of

Sciences/ Institutes of Science and Development, Chinese Academy of

Sciences/ Smale Institute of Mathematics and Computation)

报告题目:

Intelligence Mathematics: A John von Neumann's Prospective

邀请人: 洪佳林 研究员

报告时间: **2018年6月29日(周五)**

下午 15:00-16:00

报告地点: 数学院南楼二层

210 教室

Abstract:

David Mumford suggested that we should establish a system for Intelligence Mathematics(IM). We answer this question from John von Neumann's Prospective. We propose the Strategic Correlativity Principle(SCP), a kind of second-order structure in Hamiltonian and potential Gamedynamics as a starting point and apply it to solve the challenge in No-Regret and the Exploration-Exploitation problem in Multi-Agent Deep Reinforcement Learning. We also propose some open problems for future research.

欢迎大家参加！