

北京师范大学 随机数学研究中心

学术报告

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时 间: 2023年12月5日(周二), 下午 3:00-4:00

地 点: 后主楼 1220

题 目: Lee-Yang zeros and phase transitions

摘 要: In this talk, we present some recent results on the Lee-Yang zeros that arise from partition functions in Ising type models. These include the ferromagnetic and antiferromagnetic Ising models with nearest-neighbor pair interactions. We also discuss relations between the zeros and phase transitions. Based on joint work with Federico Camia, Hou Qi and Charles M. Newman.