

COLLOQUIUM

MATH SIUC



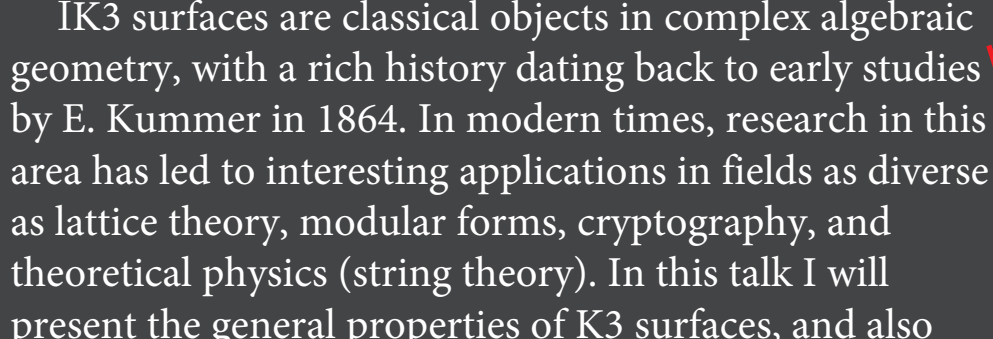
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On Complex Surfaces of Type K3

Abstract



K3 surfaces are classical objects in complex algebraic geometry, with a rich history dating back to early studies by E. Kummer in 1864. In modern times, research in this area has led to interesting applications in fields as diverse as lattice theory, modular forms, cryptography, and theoretical physics (string theory). In this talk I will present the general properties of K3 surfaces, and also discuss several recent results on a particular class of such objects – K3 surfaces of high Picard rank.

02.29.24

Time: 3:00PM

Date: February 29, 2024

Place: Neckers A 156

Reception immediately following in Math Library.