

ARITHMETICITY AND THINNESS OF HYPERGEOMETRIC GROUPS

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Time: Oct. 9, Fri, 16:30-17:30

Venue: Room 102, SCMS

Abstract:

The monodromy groups of hypergeometric differential equations — often referred to as hypergeometric groups — are subgroups of general linear groups. Arithmetic and thin groups have become central objects of study due to their relevance in number theory, geometry, and even quantum computing. In this talk, I will give a gentle introduction to hypergeometric groups and present recent progress in their classification.