2025 TALKS IN COMBINATORICS

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The Inequalities in the Theory of Partitions

In this talk, we will briefly review methods for calculating the rank function inequalities on various partition functions, including bijections, generating functions, and the Hardy-Ramanujan circle method. At the end of the talk, we will introduce a sufficient condition derived from the circle method, which leads to a series of inequality relations for the rank function.

2025.1.7 (Tue) 9.50–10.50 am @Tencent: 493-776-685

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