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Invited lecture 3 : The combinatorics of alternating sign matrices

Wednesday 19 November 2025 15:30 (1 hour)

An alternating sign matrix is a square matrix in which each entry is -1 , 0 or 1 , and along each row and column the nonzero entries alternate in sign, starting and ending with a 1 . In this talk, I will discuss various intriguing combinatorial results involving these matrices and related objects.

Presenter: BEHREND, Roger (Cardiff University)