ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO A TALK

Limit Theorems for the Length of a Random Partition

Manfred Madritsch | Université de Lorraine, France

Chaired by Clemens Heuberger | Department of Mathematics

Wednesday, 28 August 2024 | 15:00–15:20

N.2.35

ABSTRACT

Our talk starts by introducing restricted and unrestricted partitions of an integer. Among the various ideas, we choose the saddle point method to obtain an asymptotic formula for the number of restricted partitions. Using this example we provide an overview over the established results and their issues. We then adapt the method to obtain limit theorems for the length of a random partition. This talk ends with a discussion of recent results, current projects and some open problems.

We hope to see you there!