



# **Introduction to Enumerative and Analytic Combinatorics, Second Edition (Discrete Mathematics and Its Applications)**

*Miklos Bona*

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# Introduction to Enumerative and Analytic Combinatorics, Second Edition (Discrete Mathematics and Its Applications)

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**Introduction to Enumerative and Analytic Combinatorics** fills the gap between introductory texts in discrete mathematics and advanced graduate texts in enumerative combinatorics. The book first deals with basic counting principles, compositions and partitions, and generating functions. It then focuses on the structure of permutations, graph enumeration, and extremal combinatorics. Lastly, the text discusses supplemental topics, including error-correcting codes, properties of sequences, and magic squares.

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