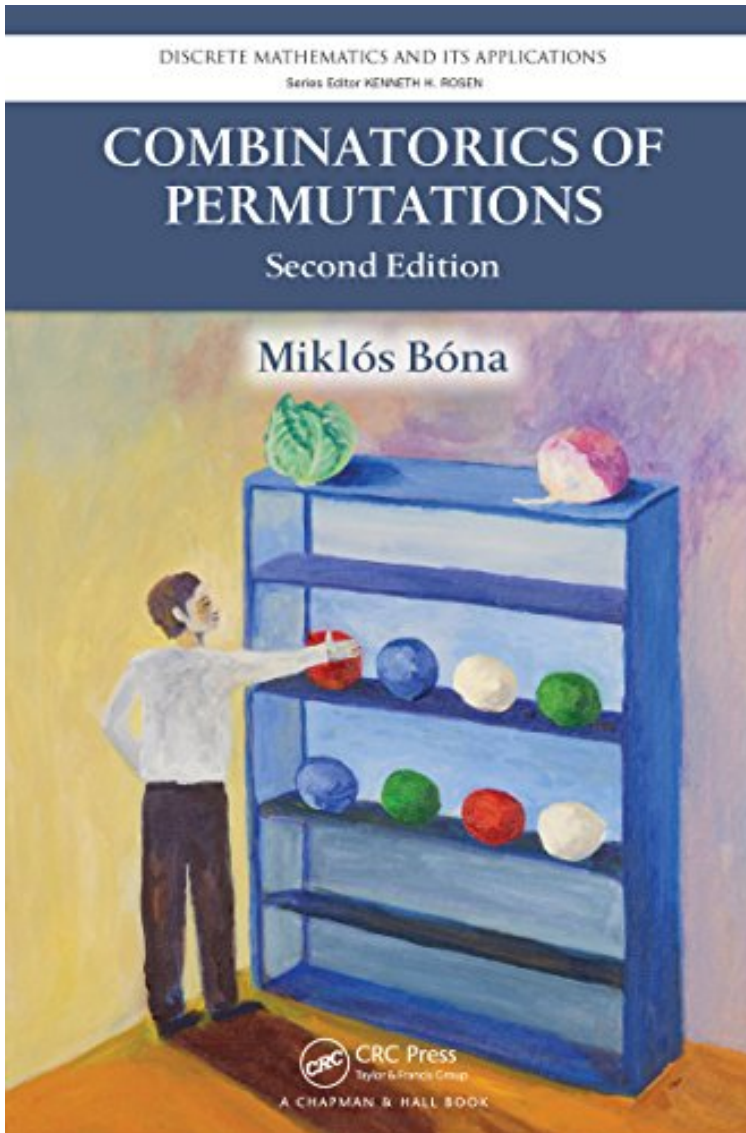


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Combinatorics of Permutations, Second Edition



Par Miklos Bona
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Description :

Prsentation de l'diteur
A Unified Account of Permutations in Modern Combinatorics
A 2006 CHOICE Outstanding Academic Title, the first edition of this bestseller was lauded for its detailed yet engaging treatment of permutations. Providing more than enough material for a one-semester course, Combinatorics of Permutations, Second Edition continues to clearly show the usefulness of this subject for both students and researchers and is recommended for undergraduate libraries by the MAA. Expanded Chapters
Much of the book has been significantly revised and extended. This edition includes a new section on alternating permutations and new material on multivariate applications of the exponential formula. It also discusses

several important results in pattern avoidance as well as the concept of asymptotically normal distributions. **New Chapter** An entirely new chapter focuses on three sorting algorithms from molecular biology. This emerging area of combinatorics is known for its easily stated and extremely difficult problems, which sometimes can be solved using deep techniques from seemingly remote branches of mathematics.

Additional Exercises and Problems All chapters in the second edition have more exercises and problems. Exercises are marked according to level of difficulty and many of the problems encompass results from the last eight years.

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Biographie de l'auteur Miklos Bona is a professor of mathematics at the University of Florida, where he is a member of the Academy of Distinguished Teaching Scholars. Dr. Bona is an editor-in-chief of the *Electronic Journal of Combinatorics*. He has authored over 50 research articles and three combinatorics textbooks and has guided the research efforts of numerous undergraduate and graduate students in combinatorics. He earned a Ph.D. in mathematics from MIT.