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# Handbook of Enumerative Combinatorics

By Miklos Bona

Apple Academic Press Inc. Hardback. Book Condition: new. BRAND NEW, Handbook of Enumerative Combinatorics, Miklos Bona, Presenting the state of the art, the Handbook of Enumerative Combinatorics brings together the work of today's most prominent researchers. The contributors survey the methods of combinatorial enumeration along with the most frequent applications of these methods. This important new work is edited by Miklos Bona of the University of Florida where he is a member of the Academy of Distinguished Teaching Scholars. He received his Ph.D. in mathematics at Massachusetts Institute of Technology in 1997. Miklos is the author of four books and more than 65 research articles, including the award-winning Combinatorics of Permutations. Miklos Bona is an editor-in-chief for the Electronic Journal of Combinatorics, and Series Editor of the Discrete Mathematics and Its Applications Series for CRC Press/Chapman and Hall. The first two chapters provide a comprehensive overview of the most frequently used methods in combinatorial enumeration, including algebraic, geometric, and analytic methods. These chapters survey generating functions, methods from linear algebra, partially ordered sets, polytopes, hyperplane arrangements, and matroids. Subsequent chapters illustrate applications of these methods for counting a wide array of objects. The contributors for this book represent an international...



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