



Catalan Numbers (Paperback)

By Richard P. Stanley

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2015. Paperback. Condition: New. Language: English . Brand New Book. Catalan numbers are probably the most ubiquitous sequence of numbers in mathematics. This book gives for the first time a comprehensive collection of their properties and applications to combinatorics, algebra, analysis, number theory, probability theory, geometry, topology, and other areas. Following an introduction to the basic properties of Catalan numbers, the book presents 214 different kinds of objects counted by them in the form of exercises with solutions. The reader can try solving the exercises or simply browse through them. Some 68 additional exercises with prescribed difficulty levels present various properties of Catalan numbers and related numbers, such as Fuss-Catalan numbers, Motzkin numbers, Schroeder numbers, Narayana numbers, super Catalan numbers, q -Catalan numbers and (q,t) -Catalan numbers. The book ends with a history of Catalan numbers by Igor Pak and a glossary of key terms. Whether your interest in mathematics is recreation or research, you will find plenty of fascinating and stimulating facts here.



READ ONLINE
[3.97 MB]

Reviews

It becomes an amazing pdf which i actually have at any time read through. This can be for all those who statte there had not been a worthy of reading through. You wont sense monotony at anytime of your own time (that's what catalogues are for relating to should you check with me).

-- **Claud Kris**

If you need to adding benefit, a must buy book. It is writter in easy words and phrases and not difficult to understand. Your daily life span is going to be transform when you complete reading this article publication.

-- **Ricky Leannon**