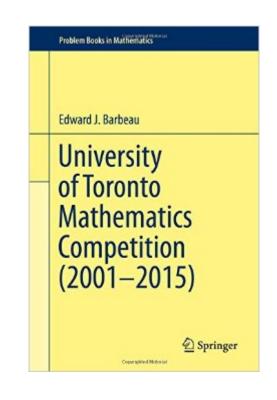
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## University Of Toronto Mathematics Competition (2001-2015) (Problem Books In Mathematics)





## Synopsis

This text records the problems given for the first 15 annual undergraduate mathematics competitions, held in March each year since 2001 at the University of Toronto. Problems cover areas of single-variable differential and integral calculus, linear algebra, advanced algebra, analytic geometry, combinatorics, basic group theory, and number theory. The problems of the competitions are given in chronological order as presented to the students. The solutions appear in subsequent chapters according to subject matter. Appendices recall some background material and list the names of students who did well. Â The University of Toronto Undergraduate Competition was founded to provide additional competition experience for undergraduates preparing for the Putnam competition, and is particularly useful for the freshman or sophomore undergraduate. Lecturers, instructors, and coaches for mathematics competitions will find this presentation useful. Many of the problems are of intermediate difficulty and relate to the first two years of the undergraduate curriculum. The problems presented may be particularly useful for regular class assignments. Moreover, this text contains problems that lie outside the regular syllabus and may interest students who are eager to learn beyond the classroom.

## **Book Information**

Series: Problem Books in Mathematics Hardcover: 207 pages Publisher: Springer; 1st ed. 2016 edition (April 14, 2016) Language: English ISBN-10: 3319281046 ISBN-13: 978-3319281049 Product Dimensions: 6.4 x 0.7 x 9.5 inches Shipping Weight: 1.1 pounds (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #1,216,271 in Books (See Top 100 in Books) #171 in Books > Science & Math > Mathematics > Pure Mathematics > Group Theory #206 in Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Abstract #617 in Books > Science & Math >

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