

2010 OVERSEAS PUBLICATIONS

FROM THE AUSTRALIAN MATHEMATICS TRUST



For Australian residents only. Some titles are limited and only available until sold.

NUMBER THEORY

INVITATION TO NUMBER THEORY

O ORE

This book is a gentle introductory text to the fascinating properties of numbers. Capable junior high school students should find this book interesting and challenging.

Code: INT Price: \$42.00

CONTINUED FRACTIONS

C OLDS

The theory of continued fractions is a powerful tool in number theory and other mathematical disciplines. Capable junior high school students should be able to cope with this book.

Code: CF Price: \$20.00

COMBINATORICS

MATHEMATICS OF CHOICE...HOW TO COUNT WITHOUT COUNTING

I NIVEN

Combinatorial thinking enters most elegantly into proofs of many theorems in various branches of mathematics. Strongly recommended for all high school students.

Code: MC Price: \$42.00

GRAPHS AND THEIR USES

O ORE & R WILSON

This book is a classic introductory text to graph theory, and includes the travelling salesman problem, shortest route problems and colouring maps on surfaces.

Code: GU Price: \$42.00

INEQUALITIES

INTRODUCTION TO INEQUALITIES

E BECKENBACK & R BELLMAN

This book is an excellent introduction at an elementary level to the world of inequalities.

Code: II Price: \$42.00

GEOMETRIC INEQUALITIES

N KAZARINOFF

Many will enjoy the simply stated geometric problems about maximum and minimum lengths and areas in this book.

Code: GI Price: \$20.00

GEOMETRY

GEOMETRY REVISITED

H COXETER & S GREITZER

Among the many beautiful and non-trivial theorems in geometry found in this book are the theorems of Ceva, Menelaus, Pappus, Desargues, Pascal and Brianchon.

Code: GR Price: \$42.00

GEOMETRIC TRANSFORMATIONS I, II, III

I YAGLOM

These books introduce the reader to geometrical transformation techniques which can prove very powerful in problem solving when compared to traditional Euclidean methods.

Code: GT1 Price: \$35.00

Code: GT2 Price: \$35.00

Code: GT3 Price: \$35.00

OLYMPIAD MATERIAL

INTERNATIONAL MATHEMATICAL OLYMPIADS 1959–1977

S GREITZER

This book has all the IMO problems and their solutions for the first nineteen IMOs.

Code: IO1 Price: \$35.00

INTERNATIONAL MATHEMATICAL OLYMPIADS 1978–1985

M KLAMKIN

This book has all the IMO problems and their solutions for the above period.

Code: IO2 Price: \$35.00

USA MATHEMATICAL OLYMPIADS 1972–1986

M KLAMKIN

Problems and solutions from the USA Mathematical Olympiad are presented by one of the world's master problem creators.

Code: UMO Price: \$35.00

HUNGARIAN PROBLEM BOOK 1 (1894–1905)

TRANSLATED BY E RAPAPORT

This book is based on the 1894–1905 Eötvös Competitions in elementary mathematics.

Code: HP1 Price: \$20.00

MISCELLANEOUS

INGENUITY IN MATHEMATICS

R HONSBERGER

This book consists of nineteen independent essays on topics including number theory, geometry, combinatorics, logic and probability.

Code: IM Price: \$20.00

MATHEMATICAL GEMS II AND III

R HONSBERGER

These two books are collections of short, expository essays on elementary topics from number theory, combinatorics and geometry.

Code: MG2 Price: \$40.00

Code: MG3 Price: \$40.00

MORE MATHEMATICAL MORSELS

R HONSBERGER

This collection is concerned with elementary problems which are not too long or complicated.

Code: MMM Price: \$40.00

LET'S SOLVE SOME MATH PROBLEMS

D HOLTON

This book is a collection of the author's writings on problem solving. The style is engaging, the dialogue readable, and the tone conversational.

Code: **LMP** Price: **\$35.00**

HOW DOES ONE CUT A TRIANGLE?

A SOIFER

This book reads like an adventure story, complete with interesting characters, moments of exhilaration, examples of serendipity and unanswered questions. It conveys the spirit of mathematical discovery and it celebrates the event as have mathematicians throughout history.

Code: **HTC** Price: **\$35.00**

PROBLEMS, PROBLEMS, PROBLEMS VOLUMES 1, 3 & 4

Each book features over 300 maths problems from the Canadian Mathematics Competition and is aimed at high school students.

Code: **PP1** Price: **\$35.00**

Code: **PP3** Price: **\$35.00**

Code: **PP4** Price: **\$35.00**

CENTURY 2 OF KÖMAL " 1994-1997"

KöMaL, an abbreviation of the words in Hungarian for High School Mathematics and Physics Journal, is the eminent journal in its field in Hungary, a country of great achievement in mathematics in the last century. This journal was first published in 1894. This book gives the flavour of Hungarian mathematics culture, and essentially gives all the problems and many of the solutions to problems which have been posed in the journal during this period. The book also provides some incisive mathematical articles which have appeared in this time.

Code: **C2K** Price: **\$20.00**

ORDER FORM

ORDER CODE	ITEM DESCRIPTION	QUANTITY	COST PER ITEM	TOTAL
			\$A	\$A
			\$A	\$A
			\$A	\$A
			\$A	\$A
			\$A	\$A
			\$A	\$A
Postage and handling add \$A4.00 for first item plus \$A2.00 for each additional item.				\$A
TOTAL				\$A

METHOD OF PAYMENT ABN: 39 120 172 502

CHEQUE BANKDRAFT VISA MASTERCARD AMERICAN EXPRESS

School Purchase Order No:

If paying by Visa, Mastercard or American Express complete the following:

Card Number:

Card Expiry Date: /

Cardholder's Name:

Cardholder's Signature: Date:

Amount Authorised: \$A Tel (bh):

All Payments (Cheques/Bankdrafts) should be in Australian currency, made payable to Australian Mathematics Trust and sent to:
Australian Mathematics Trust, University of Canberra ACT 2601.

The AMT regrets that non-school orders cannot be accepted without payment.

PLEASE FORWARD PUBLICATIONS TO:

NAME

ADDRESS

SUBURB POSTCODE