



August 2014 Highlights

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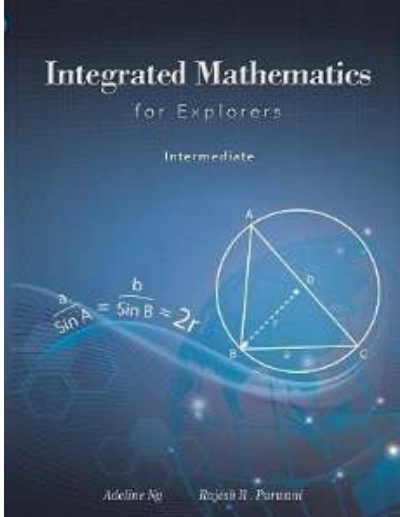
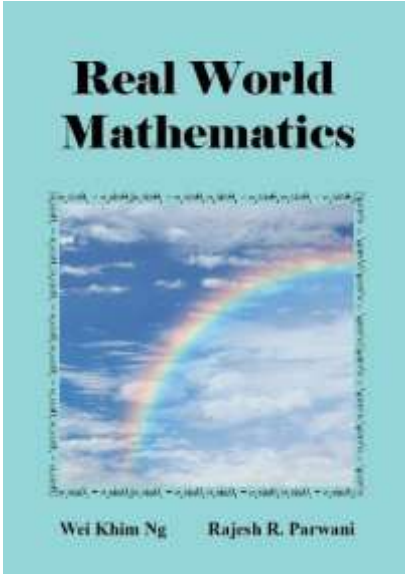
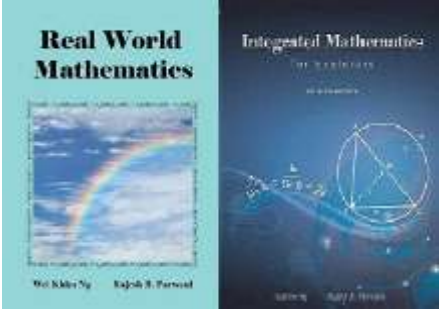
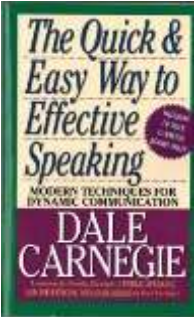
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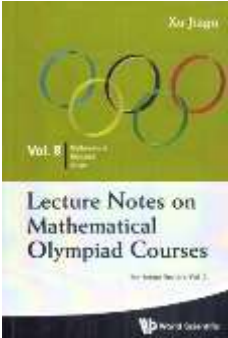
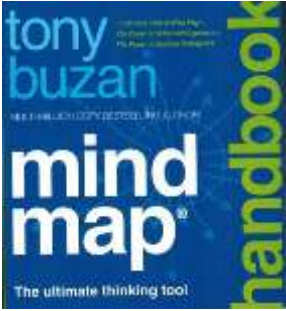
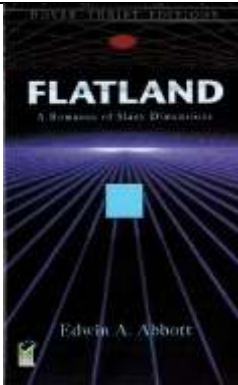
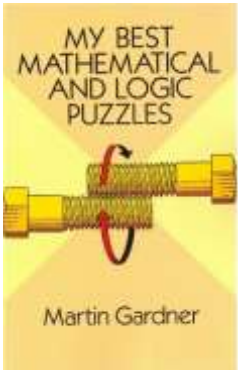
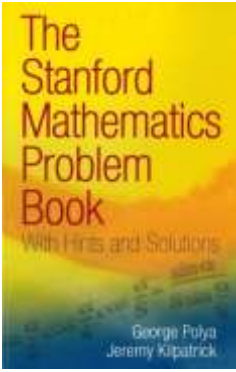
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Title	Description	List price	Promo price	With 10% -off coupon
	<p><b>Integrated Mathematics for Explorers (iMATHS)</b>            By Adeline Ng and Dr. Rajesh R. Parwani            Publisher: Simplicity Research Institute, SG, 2013            ISBN: 978-981-07-8234-4            Softcover, A5, 216 pages  <a href="http://www.simplicitysg.net/books">View sample pages at www.simplicitysg.net/books</a></p> <p>This book is for mathematics lovers engaged in the Integrated Programme or A-Maths (O level). Topics are illustrated with real-life situations, accompanied by exercises at various levels of complexity. Challenges and Investigations are suggested for the adventurous. The Escapades chapter provides stimulating puzzles, unsolved mathematical problems and beautiful theorems.</p>	\$25	\$20 when bundled with the RWM book	\$22.50  Or \$18 when bundled with the RWM book
	<p><b>Real World Mathematics (RWM)</b>            By Dr. Wei Khim Ng and Dr. Rajesh R. Parwani            Publisher: Simplicity Research Institute, SG, 2014            ISBN: 978-981-09-1163-8            Softcover, 6in by 9in, 148 pages  <a href="http://www.simplicitysg.net/books">View sample pages at www.simplicitysg.net/books</a></p> <p>This book is intended primarily as a resource for those who wish to teach mathematics through real world applications. The first part lists exercises which illustrate the use of various concepts and techniques at a level suitable for high schools and liberal arts colleges. Answers and brief notes accompany the questions. The second part of this book discusses the scientific method, mathematical modelling, and provides the background information for the exercises in the first part.</p>	\$25	\$20	\$18
	<p><b>RWM + iMATHS Bundle</b></p> <p>Get both books at a lower total price.</p>	\$50	\$40	\$36
	<p><b>The Quick &amp; Easy Way to Effective Speaking</b>            By Dale Carnegie            Publisher: Pocket Books            ISBN: 978-0-671-72400-9            Softcover, 220 pp</p> <p>The timeless classic.</p>	\$10	\$10	\$9

Title	Description	List price	Promo price	With 10% -off coupon
	<p><b>Lecture Notes on Mathematical Olympiad Courses</b> For Senior Section, Volume 2 By Jiagu Xu Publisher: World Scientific, 2012 ISBN: 978-981-4368-96-4 Softcover, 296pp</p> <p><b>(LIMITED STOCK)</b></p>	\$30	\$22	\$19.80
	<p><b>Tony Buzan's Mind Map Handbook</b></p> <p>Combined volume comprising the three titles "How to Mind Map", "The Power of Verbal Intelligence" and "The Power of creative Intelligence".</p> <p>ISBN: 978-0-00-720598-1 Softcover, 440pages</p> <p><b>(LIMITED STOCK)</b></p>	\$23	\$18	\$16.20
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	<p><b>My Best Mathematical and Logic Puzzles</b> by Martin Gardner. Publisher: Dover edition, 1994 ISBN: 0-486-28152-3. Softcover 84 pp</p> <p>A collection of puzzles by the legendary columnist.</p>	\$7	\$7	\$6.3
	<p><b>The Stanford Mathematics Problem Book</b> By G. Polya and J. Kilpatrick. Publisher: Dover, 2009 ISBN: 978-0-486-46924-9. Softcover, 68pp</p> <p>Problems, hints and solutions from Stanford University's past competitive examination in mathematics.</p>	\$10	\$10	\$9

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## Author Profiles

### 1. Adeline Ng

is a mathematics lover and explorer. She has used her vast teaching experience, and personally tailored curricula, to enable students achieve significant improvement in their mathematics competency and reach their maximum potential. She also provides consultancy and training for educational institutes through the Cherish Academy in Singapore. In 2013 she co-authored the book *Integrated Mathematics for Explorers*.

### 2. Dr. Wei Khim Ng

is a theoretical physicist at the Department of Physics, National University of Singapore. He has taught a range of modern physics and general education modules, some of which were open to high school students. His research interests are in quantum theory, neutrino physics, nuclear physics education and astrophysics education. He is an elected life member of the Institute of Physics, Singapore and Sigma Pi Sigma, USA.

### 3. Dr. Rajesh R. Parwani

is a theoretical physicist whose research specialties are quantum theory and cosmology. He has taught modules in quantitative reasoning, multi-disciplinary science and physics. In 2013 he co-authored the book *Integrated Mathematics for Explorers*. He provides research and education consultancy through the Simplicity Research Institute, Singapore.

## Book Reviews from Amazon.com for *Integrated Mathematics for Explorers*

**Interesting Book!**, July 10, 2014

By [Wei Fu](#) - [See all my reviews](#)

*This review is from: Integrated Mathematics for Explorers: Intermediate (Paperback)*

Recommended for: Students taking O Level Additional Mathematics, A Level mathematics, or International Baccalaureate and mathematics educators of these levels.

This book covers the standard topics in mathematics but is so unlike a standard textbook! First of all, it is the most interesting book on mathematics that I have encountered. Having learnt mathematics through the use of textbooks and many standard classroom practices, and using those materials in my time as a teacher, I appreciate the amount of effort put in to make the study of the different topics relevant to real-life contexts. More often than not, the subject feels very abstract and lacking in real applications, causing students to question the need for learning it. This book circumvents this issue in its presentation of content – the exercises, problems, and investigation sections at the end of each chapter are packed with interesting references to real world contexts including historical and practical discussions.

Personally, I feel that this book is not meant to be a replacement textbook (possible if supplemented with other materials) but rather a reference book (or even for leisure!) which students can use to deepen their understanding of the various topics as well as gain a clearer idea of the applications of the concepts. For educators, the book would be an invaluable resource where many real world examples as well as interesting facts can be found. Furthermore, there is an emphasis on collaborative investigation which will enhance students' engagement and appreciation of the subject.

All these are in line with the push toward a more student-centric education where exploration and collaboration with one another enhance the students' experience of learning the subject, as opposed to rote learning with an overabundance of "practice questions", which encourages students to memorize methods instead of gaining an innate insight into each topic.

For your information, Appendix A of the book, "Formulae and Summary" is also a good quick reference guide for students preparing for examinations.

I highly recommend this book as a supplement to all mathematics students, and especially educators, at the intermediate level.

Disclaimer: I was privileged to receive a copy of the book as a gift from one of the authors, Dr. Parwani, whom I have known years ago as his student in the National University Of Singapore. I enjoyed his classes and also gained valuable insight and experience from the real world applications of mathematics which we explored in depth.

By [QINGHAI WANG](#) (St. Louis, MO United States) -

[See all my reviews](#)

*This review is from: Integrated Mathematics for Explorers: Intermediate (Paperback)*

This book is not for preparing another exam. It is for fun. Fun in mathematics. Yes, math can be fun, if you love it. If you don't, this book may convert you.

I wish that I had this book when I was in high school. It would be a lot of fun. If I had worked on those problems related to physics, seeing them again in a higher level study would be like "Oh yeah! I saw it in high school. It's easy!" There are many other problems related to other part of the real world. That's why I recommend this book to every high school student who wishes to explore further.

Even this book is twenty plus years late, I am still enjoying it very much. One part I particularly like is the Inquire and Investigate section in each chapter. These parts of the book are designed for the 21st century, the age with Google and Wikipedia.

Each inquiry or investigating topic opens a gate, linked by the internet, leading to fascinating stories or intriguing math properties.

My favorite chapter is the last one, the Escapades Chapter. I can't believe that so many seemingly simple questions are still open, unsolved. Of course, like all math lovers, I've also daydreamed to solve one and win a big prize.

Other than the current students, I can imagine that this book would be also useful to high school math teachers. It may give you a few extra mathematical tricks up your sleeves.

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As a member of the woodwind instrument family, with a distinctive timbre and extended tone range, the clarinet is well-established in different music genres such as classical, jazz and contemporary music. The clarinet has frequently accompanied the piano as part of the rich chamber music repertoire since the classical period of the 1700's.

If you are keen to learn the clarinet, please contact **Li Lingzhi**, a clarinetist based in Singapore. Lingzhi graduated from the Royal Northern College of Music (UK) with a postgraduate diploma in solo performance for clarinet. Coupled with performance experiences, she has coached many students on understanding and playing important clarinet pieces.

Lingzhi can be reached by email: [lingzhi.clarinet@gmail.com](mailto:lingzhi.clarinet@gmail.com)

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