



The Teaching and Learning of Mathematics at University Level

By Holton, Derek

Book Condition: New. Publisher/Verlag: Springer Netherlands | An ICMI Study | This book arose from the ICMI Study into the teaching and learning of mathematics at university level that began with a conference in Singapore in 1998. The book looks at tertiary mathematics and its teaching from a number of aspects including practice, research, mathematics and other disciplines, technology, assessment, and teacher education. Over 50 authors, all international experts in their field, combined to produce a text that contains the latest in thinking and the best in practice. It therefore provides in one book a state-of-the-art statement on tertiary teaching from a multi-perspective standpoint. No previous book has attempted to take such a wide view of the topic. | Preface. Section I: Introduction. Why the Professor Must be a Stimulating Teacher: Towards a New Paradigm of Teaching Mathematics at University Level; C. Alsina. Changing Contexts in Tertiary Mathematics: Implications for Diversity and Equity; R. Zevenbergen. Policy Issues; J. Thomas. Policy Case Studies. Policy Issues Concerning Teaching at University Level in France; J.-L. Dorier, V. Durand-Guerrier. Mathematics Education in Chinese Universities; X. Longwan. Policy in Sweden; A. Tengstrand. Section 2: Practice. Trends in Curriculum: A Working Group Report; J. Hillel. Mathematical Teaching...

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