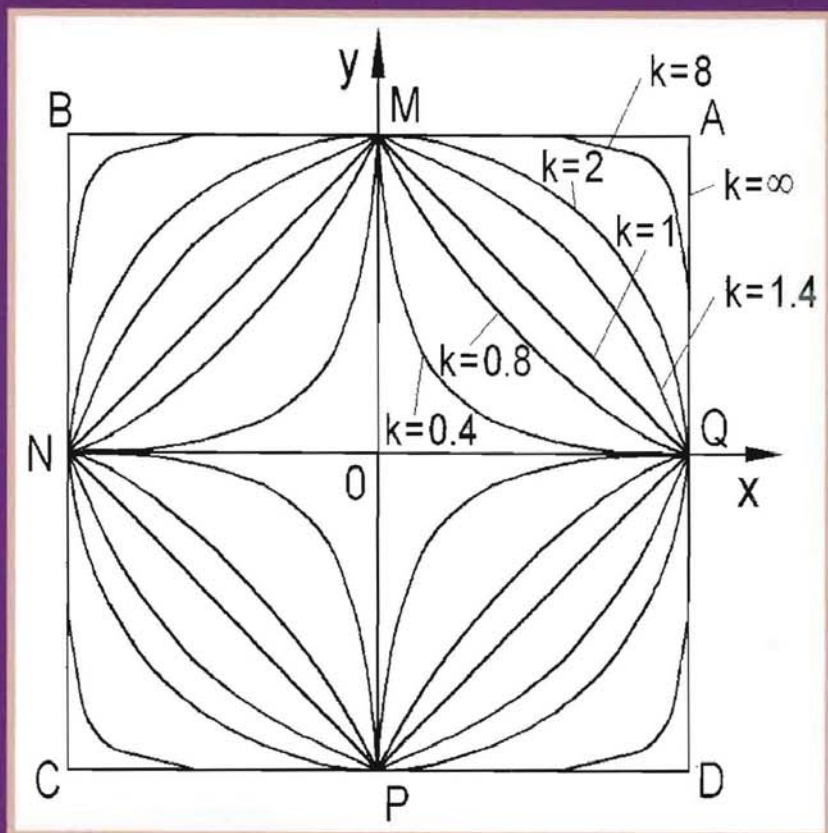




THE ACADEMY OF TECHNICAL SCIENCES OF ROMANIA

Malvina BAICA
Mircea CÂRDU



THE PARATRIGONOMETRY

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THE PARATRIGONOMETRY

Nonconventional trigonometry

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This volume comprises all of the authors' research papers published between 2002 and 2010 in the *Scientific Bulletin of the University "Politehnica" of Timisoara (Romania) – Transaction of Mathematics and Physics*.

They have as their subjects's diverse aspects of non-conventional trigonometry, named by the authors "*Paratrigonometry*".

The Paratrigonometry, having a general feature, contains, as special cases, the Classical Trigonometry and also the Quadratic Trigonometry developed in the years '30 from the passed century by Professor Valcriu Alaci of the University "Politehnica" of Timisoara.

This book is organized in a manner that allows each chapter to be read independently as well as in the context of the assembled chapters. There is some repetition of formulas and figures to facilitate a smoother understanding. We dedicate this book to all who are passionate about new directions in Mathematics, students and specialists alike.



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OF TIMISOARA, ROMANIA

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Nonconventional trigonometry

Prof. **Malvina BAICA** – PhD
Dipl. Eng. **Mircea CÂRDU**



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