

## REFERENCES

- [1] Alaci V. – *Quadratic Trigonometry (in Romanian)*, Graphic Arts Institute “Tipografia Romanesca”, Timisoara, 1939;
- [2] Baica M., Cârdu M. – *Regarding the general character of the Polygonal Trigonometry*, Scientific Bulletin of the University “Politehnica” of Timisoara (Romania) – Mathematics and Physics (BSUPT-MF), Tom 48 (62), 1, 2003;
- [3] Baica M., Cârdu M. – *Periodic Transtrigonometric Functions, The 11<sup>th</sup> International Conference of Vibrations Engineering*, Timisoara, Romania, September 27-30, 2005, BSUPT – Transactions on Mechanics Special Issues;
- [4] Baica M., Cârdu M. – *The Infratrigonometry, an inferior order neighborhood domain of Transtrigonometry*, BSUPT-MF, Tom 51 (65), 1, 2006;
- [5] Baica M., Cârdu M. – *The Ultrasonometry, a superior order adjacent domain of Transtrigonometry*, BSUPT-MF, Tom 51 (65), 1, 2006;
- [6] Baica M., Cârdu M. – *The Paratrigonometry and some of its specific symmetries*, BPUPT-MF, Tom 51 (65), 2, 2006;
- [7] Baica M., Cârdu M. – *Regarding the paratrigonometric equation of the circle*, BSUPT-MF, Tom 52 (66), 1, 2007;
- [8] Baica M., Cârdu M. – *Some developments of fundamental paratrigonometric equations*, BSUPT-MF, Tom 52 (66), 2, 2007;
- [9] Baica M., Cârdu M. – *The application of the paratrigonometric fundamental equations in the four trigonometric quadrants*, BSUPT-MF, Tom 53 (67), 1, 2008;
- [10] Baica M., Cârdu M. – *An application case of the paratrigonometric polar coordinates*, BSUPT-MF, Tom 53 (67), 2, 2008;
- [11] Baica M., Cârdu M. – *Paratrigonometric functions raised to some powers and their applications*, BSUPT-MF, Tom 54 (68), 1, 2009;
- [12] Baica M., Cârdu M. – *Paratrigonometric functions relative to the finite spirals as the Basic Trigonometric Figures*, BSUPT-MF, Tom 54 (68), 2, 2009;
- [13] Baica M., Cârdu M. – *Possibilities to represent some symmetric functions by unified equations and some of their applications in the Paratrigonometry*, BSUPT-MF, Tom 55 (69), 1, 2010;

- [14] Baica M., Cârdu M. – *A simplified alternative to develop periodic functions in Trigonometric Fourier Series*, BSUPT-MF, Tom 55 (69), 2, 2010;
- [15] Bălă C. – *Electrical machines (in Romanian)*, Didactic and Pedagogic Publishing, Bucharest, 1979;
- [16] Botez E. – *Gearings (in Romanian)*, Technical Publishing, Bucharest, 1962;
- [17] Cârdu M., Baica M. – *Elements of polygonal trigonometry*, BSUPT-MF, Tom 47 (61), 2, 2002;
- [18] Filipescu O., Grecu E., Medințu R. – *General mathematics for engineers and technicians (in Romanian)*, Didactic and Pedagogic Publishing, Bucharest, 1975;
- [19] Mușătoiu S. – *The study of graphical functions variations (in Romanian)*, MATRIXROM Publishing, Bucharest, 2004;
- [20] Myskis A. D. – *Introductory mathematics for engineers*, MIR Publishing, Moscow, 1975;
- [21] Olaru V., Olteanu O. – *Trigonometric functions (in Romanian)*, Victor Publishing, Bucharest, 2001;
- [22] Richter R. – *Electrical Machines, Vol. IV, (in Romanian)*, Technical Publishing, Bucharest, 1960;
- [23] Silaș Gh. – *Mechanical vibrations (in Romanian)*, Didactical and Pedagogical Publisher, Bucharest, 1968;
- [24] Staicu S. – *Analytical mechanics and vibrations (in Romanian)*, MATRIXROM Publishing, Bucharest, 1998;
- [25] Șelariu M. E. – *Quadrilobes vibrating systems (in Romanian)*, *The 10<sup>th</sup> International Conference of Vibrations Engineering*, Timisoara – Romania, September 27-30, 2005.



**The Academy of Technical Sciences  
of Romania**



**"Politehnica" University  
of Timișoara, Romania**



**The University of Wisconsin  
Whitewater, Wi, USA**

ISBN 978-973-720-308-3



9 789737 203083