

### 3. OPERATOR THEORY

#### Books Authored

- *Applied Analysis : Partial Differential Equations* , Vol. II , 2003 , Symmetry Publ. , Greece

#### Books Edited

- *Mathematical Analysis* , Teubner–Texte zur Mathematik ,Vol. 79 , 1985
- *Functional Analysis , Approximation Theory and Numerical Analysis* , World Scientific , 340 pp,1994
- *Geometry , Analysis and Mechanics* , World Scientific ,388 pp,1995
- *Mathematical Equations and Inequalities* , Vol. I , Greece ,1999
- *Mathematical Equations and Inequalities* , Vol. II , Greece ,1999

#### Published Papers

1. *Some fixed point theorems in nonlinear analysis*, (with G. Rassias , Th. Rassias) “Functional differential systems and related topics”(Proc. First Internat. Conf., B \ I a \ .zejewko,1979) , 302-305, Higher College Engrg. , Zielona Gora (1980) 445-446
2. *On the generalized Cesaro operators* , Mathematical Analysis , 32-34 , Teubner-Texte Math. , 79, Teubner , Leipzig, (1985)
3. *Landau’s type inequalities* , C. R. Acad. Bulgare. Sci. **46** (1993) , no.10, 9-11
4. *Open problems in analysis* , “Geometry , analysis and mechanics” , 355-364 , World Scientific Publishing Co. , Inc., River Edge, NJ , (1994)
5. *Stefan Banach , Alexander Markowic Ostrowski , Stanislaw Marcin Ulam* , “Functional analysis, approximation theory and numerical analysis” , 241-249, World Sci. Publishing, River Edge, NJ , (1994)
6. *New Landau’s type inequalities* , Discuss. Math. **14** (1994) , 77-99
7. *Fractional linear algebra* , “Geometry, Analysis and Mechanics” , 251-267 , World Sci. Publishing, River Edge, NJ , (1994)
8. *Multi-dimensional Landau inequalities*, “Geometry, Analysis and Mechanics” , 287-354 , World Sci. Publishing, River Edge, NJ , (1994)
9. *A new computation formula for the inverse of a matrix*, “Geometry, Analysis and Mechanics” , 197-203 , World Sci. Publishing, River Edge, NJ , (1994)
10. *Landau’s type inequalities* , “Functional analysis, approximation theory and numerical analysis” , 281-301 , World Sci. Publishing, River Edge, NJ ,(1994)
11. *Generalized Landau’s type inequalities* , “Functional analysis, approximation theory and numerical analysis” , 303-325 , World Sci. Publishing, River Edge, NJ , (1994)

12. *Landau's type inequalities* , J. Math. Anal. Appl. **202** (1996) , no. 1 , 280-301
13. *Multi-dimensional Landau extremum problems* , C. R. Acad. Bulgare Sci. **50** (1997) , no. 2 , 5-8
14. *Multi-dimensional Landau extremum problems* , J. Indian Math. Soc. ( N. S. ) **66** (1999) , no. 1-4 , 11-16
15. *Six-dimensional Landau inequalities* , Demonstratio Math. **32** (1999) , no.2 , 413-431
16. *Mathematical Computation of the Code of a Date* , (A.E.I. : Advances in Equations and Inequalities) , Hadronic Press , Fl. , USA , (1999) ,191-210
17. *Augustin Louis Cauchy , His Life and His Work* , (A.E.I. : Advances in Equations and Inequalities) , Hadronic Press , Fl. , USA , (1999) ,1-25