

Curriculum vitae

Professor Valeriu Popa

Education

“Vasile Alecsandri” High school Galați

1959 M. Sc. in Mathematics-University “Al. I. Cuza” of Iași, Faculty of Mathematics and Physics

1980 Ph. D. In Mathematics-thesis “Weak forms of continuity for multifunctions and applications”

Academic career

1959-1967: high school teacher-Stejaru, Borca , Bicz, Neamț County, Romania

1967-: teaching at University “Vasile Alecsandri” of Bacău, as follows

Assistant professor 1967-1970

Lecturer 1970-1990

Associate professor 1990-1993

Professor 1993-

Courses taught: Didactics of Mathematics, Modern methods in elementary mathematics teaching, Elementary geometry, Linear algebra, Analytic geometry, History of Mathematics, Mathematical analysis, Functional analysis, General topology, Theoretical mechanics, Mathematics for Engineers.

Scientific research

Topics studied

- Didactics of Mathematics
- Number theory
- Fixed point theory for functions and multifunctions
- Weak forms and strong forms of continuity for functions and multifunctions
- Bitopological spaces
- Special classes of topological spaces

Results

In 2000-2001, working in cooperation with Professor Takashi Noiri (Yatsushiro Institute of Technology, Japan), I introduced the notions of minimal structure, m – continuity, M – continuity, in order to unify and generalize known results from the theory of topological spaces.

In 1997 I initiated the study of fixed point for functions and multifunctions **satisfying implicit relations**, unifying and generalizing several results from fixed point theory.

I published, as a single author or as a co-author, over 370 papers in scientific journals indexed in international databases. These papers received together over 900 citations.

I cooperated with the following mathematicians, writing papers together:

In *General Topology*, with T. Noiri (Japan), G. I. Chae (Korea), M. Ganster (Austria), S. Jafari (Denmark), E. Ekici (Turkey), N. Rajesh (India), M. Mocanu (Romania), M. Brescan (Romania)

In *Fixed point theory*, with H. K. Pathak (India), M. Telci (Turkey), A. Aliouche (Algeria), M. Akkouchi (Maroc), M. Imdad and S. Ali (India), G. Puiu, C. Berceanu, A. M. Patriciu, M. Mocanu (Romania).

Editorial work, peer-review work

In 1991-2006 I was Editor-in-Chief of “Studii și Cercetări Științifice. Seria Matematică”, now “Scientific Studies and Research. Series Mathematics and Informatics”, where I am Honorary editor since 2007.

Since 1978 I served as a reviewer for Zentralblatt für Mathematik, publishing over 200 reviews.

Prizes, awards

2004 –“Simion Stoilow” Prize of Romanian Academy

Recognition

Biography included in “Who’s who in Romania” and “Who’s who in the world” 27 th Edition 2010.