

Associate Professor Maria Sânziana POP at her 65th anniversary

VASILE BERINDE

Associate Professor Maria Sânziana POP was born on 19 June 1940 in Baia Mare, where she grew up and attended Gheorghe Șincai Național College (Colegiul Național "Gh. Șincai"), at the time named Gheorghe Șincai Secondary School no. 1 (Școala Medie nr. 1).

Even as a secondary school student, her native mathematical skills were proved by successfully competing in the Romanian National Olympiad, where she was awarded a honorable prize at the final round.



After receiving her M. Sc. at Faculty of Mathematics, Babeș-Bolyai University of Cluj-Napoca, in 1961, she was hired as teacher of mathematics at the same National College Gheorghe Șincai Baia Mare, where she spent six years as a teacher, between 1961 and 1967.

In 1967 she joined Department of Mathematics at University of Baia Mare, at the time called The Pedagogical Institute of Higher Education Baia Mare, where she worked till her retirement in august 2005.

She got her a Ph. D. degree in 1979 at Babeș-Bolyai University of Cluj-Napoca, with the thesis *Contributions to n -semigroups theory*, under the direction of Professor Gheorghe Pic, a distinguished Romanian mathematician.

Her main research work is in algebra, but she also wrote a number of articles in analysis, elementary mathematics and mathematics education, that convey a sense of the wide range of her mathematics interest. She wrote some other articles on history of mathematics.

She has taught several courses during her career: Algebra, Linear algebra and geometry, Advanced engineering mathematics, Mathematics for Economics, Arithmetic and number theory, etc.

She was a truly devoted teacher, her published text books [1-7] and books ([8-14]) being very accessible and useful for the students.

From 1992 to 1996 she was Chair of the Mathematics and Computer Science Department, North University of Baia Mare. During her administrator tenure as Head of Department, she took vigorous steps in building up the department. She trained many undergraduate students and guided young colleagues in both research and didactic work. Under her patiently and warm guidance, basic didactic work and mathematics research received the most intelligent and wholehearted support.

The continuously ascending development of the whole mathematics activity in our Department owes an immeasurable debt to the distinguished work of Maria S. Pop as both head of department and devoted teacher.

Maria S. Pop held some important positions in the Romanian Mathematical Society (Societatea de Științe Matematice din România, Filiala Maramureș): she served as a vice-president of the Maramureș Branch (1971-1975) and member of the Executive Committee (1961-1979), among others. For the activity as an author of problems and articles published in the journal *Gazeta Matematică*, she was awarded the Centennial Medal *Gazeta Matematică*, in 1995 and, recently, the Certificate "110 years of existence of *Gazeta Matematică*".

She is a member of the Editorial Board of *Carpathian Journal of Mathematics* (formerly *Buletinul Științific al Universității din Baia Mare, Seria B, Fascicola Matematică*), since 1991, the year of the founding of the new series of this journal and Associate Editor of the journal *Creative Mathematics* (formerly *Lucrările Seminarului de Creativitate Matematică*), since its founding in 1991. Her enthusiasm in doing and teaching mathematics can be found in several articles on elementary mathematics and history of mathematics published here or elsewhere. She is a reviewer for *Mathematical Reviews* and *Zentralblatt MATH*.

Professor Maria S. POP is a devoted researcher who has made contributions in various fields of mathematics, such as n -ary algebraic structure ([11], [12], [14]-[18], [23]-[27], [32], [34], [36], [38], [39], [41], [45], [46], [48], [51], [54]-[59]) means value theorems ([33], [40], [47], [50], [53]) teaching of mathematics ([28], [34], [42]-[44], [49]) and applied mathematics ([10], [13], [19]-[21], [29]-[31], [52]).

The numbers in the brackets indicate the articles in the annexed list of publications by Maria S. POP where results belonging to the specified fields can be found. Her results relatively to n -semigroups and n -groups and (n, m) -rings are cited by other Romanian researchers such that: Ioan Purdea, Ilie Corovei, Vasile Pop, Maria Cămpian, Lăcrimioara Iancu as well as foreign researchers as J. Michalski, J. Usan, W. Dudek.

We join the members of the family of Professor Maria Sânziana Pop, her colleagues and students, congratulating her on her 65th anniversary, wishing her good health and happiness. May she be granted with many more fruitful and with new satisfactions in her didactic and scientific activity.

LIST OF PAPERS BY MARIA SÂNZIANA POP

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2. *Probabilități și statistică, teorie și aplicații* (with Crăciun Iancu, Vasile Pop) Editura Servosat Arad, 1996, (269 p), ISBN 973-9756-1-4-X
3. *Matematici aplicate, curs și culegere de probleme pentru tehnicieni de mediu, I, Complemente de algebră și analiză matematică* (with Ioana Tașcu), Editura Cub Press 22, 1998, Colecția Universitaria nr. 8, ISBN 973-98169-8-3, **I**
4. *Matematici cu aplicații în economie* (with Iulian Coroian), Editura Universității de Nord Baia Mare, 2001, (357 p), ISBN: 973-8133-36-X

5. *Capitole de matematici manageriale*. Ed. Risoprint Cluj-Napoca, 2001, (143 p), ISBN: 973-656-166-6
6. *Aritmetica și elemente de teoria numerelor*, Ed. Risoprint, Cluj-Napoca, 2002, (162 p), ISBN: 973-656-308-1
7. *Capitole de matematici manageriale*, ediția a II-a revizuită și completată, Ed. Risoprint Cluj-Napoca, 2003, (174 p) ISBN 973-656-526-2

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11. *Geometrie analitică și diferențială*, Universitatea Baia Mare, 1997, 232 p
12. *Algebra*, fascicola *Inele*, Tipografia Universității de Nord Baia Mare, 1998, 50 p
13. *Bazele statisticii*, Tipografia Universității de Nord Baia Mare, 2000, 120 p
14. *Algebra*, fascicola *Relații. Grupuri*, Tipografia Universității Nord, 2001, 73 p

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- [2] *Produits tensorielles des n -monoides*, Studia Math., Univ. Babeș-Bolyai, Cluj-Napoca, 22, 1977, Fasc. 2., p. 29-39, MR.5828243; Zbl. Math. 419.20058
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- [4] *Cercetări privind introducerea fluorescenței de raze X în controlul analitic al mineralelor* (with Aurel Bărbuș, Iuliu Pop), Comunic. Inst. Polit. Cluj, 29 oct. 1978, MV, p. 197-203
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- [17] *Asupra produselor directe de n-semigrupuri*, *Bul. Științ. Univ. Baia Mare, ser. B*, **VII**, 1989, p. 5-8
- [18] *Remarks on the generalization of Zupnik's theorem relatively to n-semigroups*, *Bul. Științ. Univ. Baia Mare, ser. B, Fasc. Mat.-Inf.*, **VIII**, 1991, p. 5-10, *Zbl801.20056*
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- [26] *Structuri algebrice definite pe punctele unei parabole*, *Lucr. Sem. Creativ. Mat. Univ. Baia Mare*, **II**, 1992-1993, p. 25-40, (*ZDM 96f04074*)
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