An. Şt. Univ. Ovidius Constanţa Vol. 12(2), 2004, 5–6

The papers in the present issue are dedicated to our colleague, Professor Dan Pascali, at his seventieth anniversary.

Professor Dan Pascali at his seventieth anniversary

Dan Dumitru Pascali was born seventy years ago, on June 18, in Armăşeşti village, Ialomitza, in the family of Constantin and Elena Pascali. After the high school, Dan performed brilliant studies in mathematics, at the Faculty of Mathematics and Physics, in Bucharest University, in spite of his born disabilities. Master in Science in 1958, he became a researcher at the Institute of Mathematics (1958-1966) and then a Senior researcher in the same Institute in Bucharest (Romania).

He passed his Ph. D. (1964) with the thesis "Representation of solutions of linear equations with areolar derivatives", advisor Miron Nicolescu, at the University of Bucharest. The thesis contains results already published by the author in some papers.

In 1974, Dan Pascali won the Romanian Academy Prize "Simion Stoilow", for the monograph "Nonlinear Operators".

The year 1980 was crucial for Dan Pascali: he decided to remain abroad, being firstly a visiting professor at "Sapienza" University in Rome, Italy, and then Humboldt fellow at the University of Darmstadt, Germany (1981-1983), visiting professor at the universities of Delaware, Chicago and collaborator with the Mathematics Research Center Madison, Wisconsin (1983-1984), collaborator with the Los Alamo Laboratory, New Mexico (1984-85), principal investigator at the Courant Institute (New Brunswick) since 1986.

In 1994, he becomes full professor at the Faculty of Mathematics and Informatics at the "Ovidius" University in Constantza, Romania, where he is now consulting professor. He taught regular courses on nonlinear functional analysis, numerical functional analysis and variational methods. He is also advisor of Master's and Ph. D. theses. During years, Dan Pascali has been always an enthusiastic professor, a wonderful friend, a skillful organizer of seminars, summer schools (1974-Suceava, 1979-Constantza, Romania), a man with a brilliant mind, a fine mathematician. He has a lot of friends and all of them admire him for his courage and for his work.

Some significant research achievements of Dan Pascali can be mentioned here: basic structure of generalized analytic vectors, now called "Pascali systems" in the literature (1965), a general representation of polyanalytic functions (1969), nonlinear operators(1974; a book, 285 pp.), nonlinear Hammerstein equations (1976), nonlinear mappings of monotone type (1978, book, 341 pp.), variational inequality techniques (1979), strongly nonlinear parabolic variational problems (1983), hyperbolic A-properness (1984), variational nonlinear eigenvalue inclusions (1986), Morse deformation lemma for set-valued mappings (1989), bifurcation from an eigeninterval (1991), eigenvalue variational inequalities (1992), Mountain pass techniques for semilinear equations (1993), continuation principles for semilinear wave equations (1994), variational methods for generalized eigenvalues of semilinear problems (1995), recession methods for noncoercive variational inequalities (1997), nonlinear Fredholm alternatives (2000), hemivariational problems (2004). These contributions are quoted all over the world by more than 250 specialists. His monographs are used as reference books in nonlinear operator equations (see the attachment).

A lot of universities invited Dan Pascali to lecture on various topics from his research work. Among them, we mention: Oberwolfach, Paderborn, Bayreuth, Wurzburg, Karlsruhe, in Germany, Houston, Phoenix, San Diego, New Orleans, Washington DC, San Antonio, Orlando, Rutgers, Waterloo (Ontario), San Francisco, Louisville, Providence, Athens (Ohio), Berkeley, Austin, Arlington, in USA; Dundee, in Scotland; Paris, in France; Parma, Pisa, Palermo, Rome in Italy; Zurich in Switzerland; Brussels in Belgium, Uppsala in Sweden.

Dan Pascali is a Romanian and an American citizen. He always loved his native country; he knows its history, its literature, its beautiful nature.

Some societies consider Dan Pascali among their members: American Mathematical Society, Romanian Society for Mathematical Sciences, Society for Industrial and Applied Mathematics.

The Faculty of Mathematics and Informatics at the "Ovidius" University is proud to have Dan Pascali as a member of its professional staff

With the occasion of his seventieth birthday, his colleagues from Constantza University wish Professor Dan Pascali Many Happy Returns of This Day, and to go on being an active successful mathematician.

Mirela Ştefănescu, Cristina Flaut (editors)

March 2005