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## LIST OF PUBLICATIONS (DAN D. PASCALI)

### BOOKS

1. *Nonlinear Operators*, (Romanian, English summary), 285 p., Edit. Academiei, Bucharest, 1974 (M.R. 52.900, ZBL. 275.4703)
2. (and S. Sburlan) *Nonlinear Mappings of Monotone Type*, x + 341p. , Sijthoff and Noordoff Intern. Publ., Alphen aan Rijn, 1978. (M.R. 80g:47056 ; ZBL. 423.47021).
3. *Remembrances on the Areolar Derivatives: Polyanalytic functions, Generalized analytic vectors* (xeroxed), 2003.

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3. (and S.Gogonea) *Sur le monogeneite dans l'espace*, Atti Accad. Naz. Lincei, Rend. Cl. Sci. Fis. Nat. (VIII), 29, 5, (1960), 283-288. (M.R. 24 #A, 2041; ZBL. 120.137)
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12. *Sur l'analycite dans le plane*, Bull. Math. Soc. Sci. Math. Phis.R.S.Roumaine 8,1-2, (1964), 63-66. (M.R. 34 # 6130; ZBL. 178.424)
13. *Vecteurs analytiques generalisés*, Rev. Roumaine Math. Pures Appl., 10, 6, (1965), 779-808 and Stud. Cerc. Matem., 17, 5, (1965), 707-736. (M.R. 36 # 2818; ZBL. 143.102)
14. *On the imbedding theorem of Sobolev-Kondrachov*, (Romanian), Stud. Cerc. Matem. 17, 8, (1965), 1231-1261. (M.R. 35 # 726; ZBL. 149.94)
15. *Generalized analytic functions of order  $n$* , (Romanian), Stud. Cerc. Matem., 17, 9, (1965), 1385-1390. (M.R. 38 # 4699; ZBL. 141.85)
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- 31.** *Equations with an A-proper sum of operators*, (Romanian, English summary), Stud. Cerc. Matem. 32, 3, (1980), 333-343. (M.R. 81m:47088; ZBL. 444.47065)
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- 38.** *Approximation-solvability of a semilinear wave equation*, Libertas Math., 4 (1984), 73-78. (M.R. 86c: 47082; ZBL. 572.47044)
- 39.** *On variational treatment of nonlinear Hammerstein equations*, Libertas Math., 5 (1985), 47-54. (M.R. 87c: 35052; ZBL. 584.45013)
- 40.** *On critical points of nondifferentiable functions*, Libertas Math., 6 (1986), 95-100. (M.R. 87k:58053; ZBL. 601.49030)
- 41.** *A bifurcation theory involving A-proper mappings*, Libertas Math., 7 (1987), 47-58. (M.R. 89e: 47092; ZBL. 659.47053)
- 42.** *Nonlinear variational eigenvalue inclusions*, Differential Equations, Proc. EQUA-DIFF 87, Xanthi, (Greece), August 24-28, 1987, (C. Defermos, G. Ladas, G. Papanicolaou eds.), Lect. Notes Pures Appl. Math. 118, 543-551,

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- 44.** *Generalized subdifferentiable perturbations*, Proc. Intern. Conf. on Theory Appl. Diff. Equations, Ohio University, 21-25 March 1988, Vol. 2, 277-281, (A.R. Aftabizadeh, ed.), Ohio Univ. Press, Athens, 1989. (M.R. 90m: 58055; ZBL. 732.47051)
- 45.** *Basic representation of polyanalytic functions*, Libertas Math., 9 (1989), 41-49. (M.R. 91c: 30092; ZBL. 696.30048)
- 46.** *Coincidence degree and bifurcation theory*, Libertas Math., 11 (1991), 31-42. (M.R. 92j: 47129; ZBL. 763.58007)
- 47.** *Elliptic eigenvalue variational inequalities*, Libertas Math., 12 (1992), 39-56. (M.R. 93j: 49045; ZBL. 771.490050)
- 48.** *Some mountain climbing techniques in the theory of semilinear operator equations*, Libertas Math., 13 (1993), 155-170. (M.R. 94h: 58042; ZBL. 798.47040)
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- 2.** *Hammerstein equations in general Banach spaces*, 24 p., in "Seminari di Analisi", 1974/75, Istituto Matematico, Roma.
- 3.** (with S.Sburlan) *Equations with angle-bounded operators*, Proc.Roum.-Amer. Math. Anal. (V.Barbu-N.Pavel, Eds.), 203-206, Edit.Acad.,Bucuresti, 1979.
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- 5.** *On strongly nonlinear parabolic variational inequalities*, 4 p. report to "EQUADIFF 82" Wurzburg, 1982.
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- 7.** *Nonlinear eigenvalue problems with constraints*, 15 p., Los Alamos, NM, May, 1985.
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- 10.** *On axiomatic bifurcation theory*, Report 831-47-561 to AMS Meeting, San Antonio, TX, January 21-24, 1987.
- 11.** *Hyperbolic A-properness*, Report 844-47-142 to AMS Centennial Celebration Meeting, Providence, R.I., August 8-12, 1988.
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- 13.** *Second order differential inclusions at resonance*, Report 854-47-604 to AMS Meeting, Louisville, KY, January 17-20, 1990.
- 14.** *Approximation-solvability for semilinear equations*, 12 pp., The 13th International Conf. on Operator Theory, Predeal, Romania, June 4-9, 1990.

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17. *Some mountain climbing techniques*, 14 pp., Courant Inst., 3/3/92.
18. *Some mountain pass methods*, 16 pp., Rutgers, 5/6/92.
19. *On the bifurcation from an eigeninterval*, Report 878-47-757 to AMS San Antonio, TX, January 13-17, 1993.
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30. *Three solutions of a semilinear eigenvalue problem*, 7pp., Coloquim, Univ. of Puerto Rico, June 8, 2000.
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- 34.** *On topological degree for quasilinear equations*, Report 973-47-529, to Joint Math. Meetings, San Diego, CA, Jan.6-9, 2002.
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- 41.** *Some topics in hemivariational inequalities*, Rutgers, 4/27/2005.

#### **EDITORIAL WORKS: THE PROCEEDINGS OF THE FOLLOWING SUMMER SCHOOLS IN ROMANIA**

- 1.** *Nonlinear Analysis and its Applications in Mechanics*, (Romanian, English summary), Suceava, July 22-August 3, 1974; Editura Academiei Bucharest, (1977), 278 p. (M.R. 58 # 17977; ZBL 354.47001)
- 2.** *Variational Inequalities and Optimization Problems*, Constanta, August 20-30, 1979; Institutul de Invatamant Superior, Constanta, (1979), vi+344 p. (M.R. 81i: 49004 ZBL. 425.00015)

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