Bibliography

[1] S. ADLY, Perturbed algorithm and sensitivity analysis for a general class of variational inclusions, *J. Math. Anal. Appl.*, **201** (1996), 609-630.

[2] YA. ALBER, Metric and generalized projection operators in Banach spaces: properties and applications, in *Theory and Applications of Nonlinear Operators of Monotone and Accerative Type*, edited by A. Kartsatos, Marcel Dekkar, New York, (1996), 15-50.

[3] YA. ALBER and J. C. YAO, Algorithm for generalized multi-valued co-variational inequalities in Banach spaces, *Functional Diff. Equ.*, **7** (2000), 5-13.

[4] Q. H. ANSARI, Certain problems concerning variational inequalities, *Ph. D. Thesis*, Aligarh Muslim University, Aligarh, (1988).

[5] Q. H. ANSARI and A. H. SIDDIQI, An iterative algorithm for generalized mixed nonlinear variational-like inclusions, in *Current Trends in Industrial and Applied Mathematics*, edited by P. Manchanda, Khalil Ahmad and A. H. Siddiqi, Anamaya Publishers, New Delhi, (2002), 202-209.

[6] Q. H. ANSARI and J. C. YAO, Pre-variational inequalities in Banach spaces, in *Optimization Techniques and Applications*, edited by L. Cacceta, K. L. Tea, P. F. Siew, Y. H. Leung, L. S. Jerrings and V. Rehbock, Curtin University of Technology, Perth, W. A., (1998), 1165-1172.

[7] Q. H. ANSARI and J. C. YAO, A fixed point theorem and its applications to a system of variational inequalities, *Bull. Austr. Math. Soc.*, **59** (1999), 433-442.

[8] Q. H. ANSARI and J. C. YAO, On nondifferentiable and nonconvex vector optimization problems, *J. Optim. Theory Appl.*, **106(3)** (2000), 487-500.

[9] Q. H. ANSARI and J. C. YAO, Iterative schemes for solving mixed variational-like inequalities, *J. Optim. Theory Appl.*, **108** (2001), 527-541.

[10] M. AVRIEL, *Nonlinear Programming: Theory and Methods*, Printice-Hall, Englewood Cliffs, New Jersey, (1976).

[11] J. P. AUBIN and I. EKELAND, *Applied Nonlinear Analysis*, John Wiley and Sons, New York, (1984).

[12] C. BAIOCCHI and A. CAPELO, *Variational and Quasivariational Inequalities, Application to Free Boundary Problems*, John Wiley and Sons, New York, (1984).

[13] BANYAMINI and J. LINDENSTRAUSS, *Geometric Nonlinear Functional Analysis I*, AMS, colloquium Publications, **48** (2000).

[14] V. BARBU, *Nonlinear Semigroups and Differential Equations in Banach Spaces*, Noordhoff Int., Leyden, The Netherlands (1976).

[15] A. BENSOUSSAN, M. GOURSAT and J. L. LIONS, Controle impulseinnel et inequations quasivariationnelles stationaries, *C. R. Acad. Sci.*, **276** (1973), 1279-1284.

[16] A. BENSOUSSAN and J. L. LIONS, *Applications des inequations variationnelles en controle stochastique*, Dunod, Paris, (1978).

[17] S. S. CHANG, *Fixed point theory with applications*, Chongqing Publishing House, Chongqing, (1984).

[18] S. S. CHANG, Coincidence theorem and variational inequalities for fuzzy mappings, *Fuzzy Sets and Systems*, **61** (1994), 359-368.

[19] S. S. CHANG, On the Mann and Ishikawa iterative approximation of solution to variational inclusions with accretive mappings, *Comput. Math. Appl.*, **37(9)** (1999), 17-24.

[20] S. S. CHANG, Set-valued variational inclusions in Banach spaces, *J. Math. Anal. Appl.*, **248** (2000), 438-454.

[21] S. S. CHANG and N. J. HUANG, Generalized multivalued implicit complementarity problems in Hilbert spaces, *Math. Japonica*, **36(6)** (1991), 1093-1100.

[22] S. S. CHANG and N. J. HUANG, Generalized complementarity problems for fuzzy mappings, *Fuzzy Sets and Systems*, **55** (1993), 227-234.

[23] S. S. CHANG and Y. G. ZHU, On variational inequalities for fuzzy mappings, *Fuzzy Sets and Systems*, **32** (1989), 359-367.

[24] M. CHIPOT, *Variational Inequalities and Flow in Porous Media*, Springer Verlag, New York, (1984).

[25] M. CHIPOT, *Elements of Nonlinear Analysis*, Birkhauser Verlag, Berlin, (2000).

[26] R. W. COTTLE, Nonlinear programs with positively bounded Jacobians, *SIAM J. Appl. Math.*, **14** (1966), 125-147.

[27] R. W. COTTLE and G. B. DANTZING, Complementarity pivot theory of mathematical programming, *Linear Algebra Appl.*, **1** (1968), 163-185.

[28] P. CUBIOTTI and J. C. YAO, Discontinuous implicit quasi-variational inequalities with applications, *Math. Methods Oper. Res.*, **46** (1997), 213-228.

[29] K. DEIMLING, *Nonlinear Functional Analysis*, Springer-Verlag, Berlin, (1985).

[30] N. H. DIEN, Some remarks on variational-like and quasivariational-like inequalities, *Bull. Austr. Math. Soc.*, **46** (1992), 335-342.

[31] X. P. DING, Perturbed proximal point algorithms for generalized quasi-variational inclusions, *J. Math. Anal. Appl.*, **210** (1997), 88-101.

[32] X. P. DING, Random mixed variational-like inequalities in topological vector spaces, *J. Sichuan Normal University*, **20(5)** (1997), 1-13.

[33] X. P. DING, Iterative process with errors to nonlinear equations involving m-accretive operators, *J. Math. Anal. Appl.*, **209** (1997), 191-201.

[34] X. P. DING, Set-valued implicit wiener-Hopf equations and generalized strongly nonlinear quasi-variational inequalities, *J. Math. Anal. Appl.*, **4** (1998), 59-71.

[35] X. P. DING, General algorithm of random solutions for random nonlinear variational inequalities in Banach spaces, *Stochastic Analysis and Applications*, **17(3)**, (1999), 383-394.

[36] G. FICHERA, Problemi elastostalici convincoli unilaterali it problema designorini con ambigue condizioni al contorno, *Alli. Acad. Naz. Lincei. Mem. Cl. Sci. Fiz. Mat. Nat. Sez. Iq.*, **7(8)**, (1964), 91-140.

[37] A. FRIEDMAN, *Variational Principles and Free Boudary Problems*, R. E. Krieger Publishing Company, Malabar, Florida, (1988).

[38] R. GLOWINSKI, J. L. LIONS and R. TREMOLIERES, *Numerical Analysis of Variational Inequalities*, North-Holland, Amsterdam, (1981).

[39] K. GOEBEL and S. REICH, *Uniform Convexity, Hyperbolic Geometry and Nonexpansive Mappings*, Marcel Dekker Inc., New York, (1984).

[40] J. S. GUO and J. C. YAO, Extension of strongly nonlinear quasivariational inequalities, *Appl. Math. Lett.*, **5(3)** (1992), 35-38.

[41] A. HASSOUNI, and A. MOUDAFI, A perturbed algorithm for variational inclusions, *J. Math. Anal. Appl.*, **185** (1994), 706-712.

[42] C. J. HIMMELBERG, Measurable relations, *Fund. Math.*, **87** (1975), 53-72.

[43] N. J. HUANG, Random general set-valued strongly nonlinear quasi-variational inequalities, *J. Sichuan Normal University*, **31** (1994), 420-425.

[44] N. J. HUANG, Random generalized set-valued implicit variational inequalities, *J. Liaoning University*, **18** (1995), 89-93.

[45] N. J. HUANG, Generalized nonlinear variational inclusions with noncompact valued mappings, *Appl. Math. Lett.*, **9(3)** (1996),25-29.

[46] N. J. HUANG, A general class of nonlinear variational inclusions for fuzzy mappings, *Indian J. Pure Appl. Math.*, **29(9)** (1998), 957-964.

[47] N. J. HUANG, Mann and Ishikawa type perturbed iterative algorithms for generalized nonlinear quasi-variational inclusions, *Comput. Math. Appl.*, **35(10)** (1998), 1-7.

[48] N. J. HUANG, A new completely general class of variational inclusions with noncompact valued mappings, *Comput. Math. Appl.*, **35(10)** (1998), 9-14.

[49] N. J. HUANG, A new class of generalized set-valued implicit variational inclusions in Banach spaces with an applications, *Comput. Math. Appl.*, **41** (2001), 937-943.

[50] N. J. HUANG, X. LONG and Y. J. CHO, Random completely generalized nonlinear variational inclusions with noncompact valued random mappings, *Bull. Korean Math. Soc.*, **34(4)** (1997), 603-615.

[51] Z. HUANG, Mann and Ishikawa iterations with errors for asymptotically nonexpansive mappings, *Comput. Math. Appl.*, **37** (1999), 1-7.

[52] T. HUSAIN, E. TARAFDAR and X. Z. YUAN, Some results on random generalized games and random quasi-variational inequalities, *Far East J. Math. Sci.*, **2** (1994), 35-55.

[53] G. ISAC, On the implicit complementarity problem in Hilbert spaces, *Bull. Austral. Math. Soc.*, **32** (1985), 251-260.

[54] G. ISAC, Fixed point theory and complementarity problem in Hilbert spaces, *Bull. Austral. Math. Soc.*, **36** (1987), 295-310.

[55] G. ISAC, A special variational inequality and the implicit complementarity problem, *Fac. Sci. Univ. Tokyo*, **37** (1990), 109-127.

[56] G. ISAC, *Complementarity Problems*, Springer-Verlag, Berlin, (1992).

[57] G. ISAC, *Topological Methods in Complementarity Theory*, Kluwer Academic Publishers, London, (2000).

[58] S. ISHIKAWA, Fixed points by a new iteration method, *Proc. Amer. Math. Soc.*, **44** (1974), 150-157.

[59] C. R. JOU and J. C. YAO, Algorithm for generalized multivalued variational inequalities in Hilbert spaces, *Comput. Math. Appl.*, **25** (1993), 7-13.

[60] D. KINDERLEHRER and G. STAMPACCHIA, *An Introduction to Variational Inequalities and their Applications*, Academic Press, New York, (1980).

[61] S. KUM, A generalization of generalized quasi-variational inequalities, *J. Math. Anal. Appl.*, **182(1)** (1994), 158-164.

[62] G. M. LEE, D. S. KIM, B. S. LEE and S. J. CHO, Generalized vector variational inequality and fuzzy extension, *Appl. Math. Lett.*,**66** (1993), 47-51.

[63] C. H. LEE, Q. H. ANSARI and J. C. YAO, A perturbed algorithm for strongly nonlinear variational-like inclusions, *Bull. Austral. Math. Soc.*, **62** (2000), 417-426.

[64] J. L. LIONS and G. STAMPACCHIA, Variational inequalities, *Comm. Pure Appl. Math.*, **20** (1967), 493-519.

[65] Y. S. LUO, Y. J. CHO and N. J. HUANG, Generalized set-valued nonlinear quasi-variational inequalities, *Nonlinear Analysis Forum*, **66** (1993), 187-201.

[66] W. R. MANN, Mean value methods in iterations , *Proc. Amer. Math. Soc.*, **4** (1953), 506-510.

[67] H. BEN-EL-MECHAIEKH and G. ISAC, Generalized multivalued variational inequalities, in *Analysis and Topology*, edited by C. Andreian Cazacu, O. Lehto and Th. M. Rassias, World Scientific Publishing Company, (1998).

[68] U. MOSCO, *Implicit Variational Problems and Quasi-Variational Inequalities*, Lectur Notes in Mathematics, Volume 543, Springer-Verlag Berlin, (1976), 83-156.

[69] S. B. NADLER JR., Multi-valued contraction mappings, *Pacific J. Math.*, **30** (1969), 475-488.

[70] M. A. NOOR, Strongly nonlinear variational inequalities, *C. R. Math. Rep. Acad. Sci. Canada*, **4** (1982), 213-218.

[71] M. A. NOOR, An iterative scheme for a class of quasi-variational inequalities, *J. Math. Anal. Appl.*, **110** (1985), 463-468.

[72] M. A. NOOR, On the nonlinear complementarity problem, *J. Math. Anal. Appl.*, **123** (1987), 455-460.

[73] M. A. NOOR, Variational inequalities for fuzzy mappings (I), *Fuzzy Sets and Systems*, **56** (1993), 309-312.

[74] M. A. NOOR, Variational-like inequalities, *Optimizatiion*, **30** (1994), 323-330.

[75] M. A. NOOR, Resolvent equations technique for variational inequalities, *Korean J. Comp. Appl. Math.*, **4(2)** (1997), 349-358.

[76] M. A. NOOR, Generalized set-valued variational inclusions and resolvent equations, *J. Math. Anal. Appl.*, **228** (1998), 206-220.

[77] M. A. NOOR, A. MOUDAFI and B. L. XU, Multivalued quasi-variational inequalities in Banach spaces, *J. Inequal. Pure Appl. Math.*, **3(3)** (2002), Article 36.

[78] M. A. NOOR, K. I. NOOR and T. M. RASSIAS, Set-valued resolvent equations and mixed variational inequalities, *J. Math. Anal. Appl.*, **220** (1998), 741-759.

[79] M. A. NOOR and T. M. RASSIAS, Resolvent equations for set-valued mixed variational inequalities, *Nonlinear Analysis*, **42** (2000), 71-83.

[80] P. D. PANAGIOTOPOULUS, *Inequality Problems in Mechanics and Applications*, Birkhauser, Boston, (1985).

[81] J. PARIDA and A. SEN, A variational-like inequality for multifunctions with applications, *J. Math. Anal. Appl.*, **124** (1987), 74-81.

[82] J. PARIDA, M. SAHOO and A. KUMAR, A variational-like inequality problem, *Bull. Austral. Math. Soc.*, **39** (1989), 225-231.

[83] M. PATRIKSSON, *Nonlinear Programming and Variational Inequality Problem*, Kluwer Academic Publishers, London, (1999).

[84] B. E. RHOADES, Fixed point theorem and stability results for fixed point iterative procedures, *Indian J. Pure Appl. Math.*, **21** (1990), 1-9 .

[85] S. H. SHIM, S. M. KANG, N. J. HUANG and Y. J. CHO, Generalized set-valued strongly nonlinear quasi-variational inclusions, *Indian J. Pure Appl. Math.*, **31(9)** (2000), 1113-1122.

[86] A. H. SIDDIQI, *Functional Analysis with Applications*, Tata McGraw Hill, New Delhi, (1986).

[87] A. H. SIDDIQI and Q. H. ANSARI, Strongly nonlinear quasi-variational inequalities, *J. Math. Anal. Appl.*, **149** (1990), 444-450.

[88] A. H. SIDDIQI and Q. H. ANSARI, General strongly nonlinear variational inequalities, *J. Math. Anal. Appl.*, **166** (1992), 386-392.

[89] A. H. SIDDIQI and Q. H. ANSARI, On the nonlinear implicit complementarity problem, *Int. J. Math. and Math. Sci.*, **16(4)** (1993), 783-790.

[90] A. H. SIDDIQI, Q. H. ANSARI and R. AHMAD, On generalized variational-like inequalities, *Indian J. Pure Appl. Math.*, **26(12)** (1995), 1135-1141.

[91] A. H. SIDDIQI, Q. H. ANSARI and M. F. KHAN, Variational-like inequalities for multivalued maps, *Indian J. Pure Appl. Math.*, **30(2)** (1999), 161-166.

[92] A. H. SIDDIQI, A. KHALIQ and Q. H. ANSARI, On variational like inequalities, *Ann. Sci. Math. Quebec*, **18** (1994), 39-48.

[93] W. TAKAHASHI and G.-E. KIM, Strong convergence of approximates to fixed points of nonexpansive nonself-mappings in Banach spaces, *Nonlinear Anal., Theory, Math. Appl.*, **32** (1998), 447-454.

[94] K. K. TAN, E. TARAFDAR and X. Z. YUAN, Random variational inequalities and applications to random minimization amd nonlinear boundary problems, *Pan Amer. Math. J.*, **4** (1994), 55-71.

[95] N. X. TAN, Random quasi-variational inequality, *Math. Nachr.*, **125** (1986), 319-328.

[96] E. TARAFDAR and X. Z. YUAN, A random variational inequality and its applications to random best approximations and fixed point theorems, *Acta Sci. Math. (Szeged)*, **61** (1995), 1-12.

[97] G. Q. TIAN, Generalized quasi-variational-like inequality problem, *Math. Oper. Res.*, **18(3)** (1993), 752-764.

[98] R. U. VERMA, On generalized variational inequalities involving relaxed Lipschitz and relaxed monotone operators, *J. Math. Anal. Appl.*, **213** (1997), 387-392.

[99] X. Q. YANG and G. Y. CHEN, A class of nonconvex functions and pre-variational inequalities, *J. Math. Anal. Appl.*, **169** (1992), 359-373.

[100] J. C. YAO, Applications of variational inequalities to nonlinear analysis, *Appl. Math. Lett.*, **4(4)** (1991), 89-92.

[101] J. C. YAO, A basic theorem of complementarity for the generalized variational-like inequality problem, *J. Math. Anal. Appl.*, **158** (1991), 124-138.

[102] J. C. YAO, The generalized quasi-variational inequality problem with applications, *J. Math. Anal. Appl.*, **158** (1991), 139-160.

[103] X. Z. YUAN, Non compact random generalized games and random quasi-variational inequalities, *J. Appl. Stoch. Anal.*, **7** (1994), 467-486.

[104] X. Z. YUAN, *KKM Theory and Applications in Nonlinear Analysis*, Marcel Dekker, New York, (1999).

[105] E. ZEIDLER, *Nonlinear Functional Analysis and its Applications III*, Springer-Verlag, Berlin, (1985).