

## CURRICULUM VITAE

**Name:** Dr. Muhammad Aslam Noor, Ph.D., C.Math., FIMA., FIBA.

**Father's Name:** Ch. Sher Muhammad.

**Nationality:** Canadian

**Present Rank:** Professor and Head, Department of General Studies

**Research Publications:** More than 320, see attached list.

**Present Address:** Mathematics, Etisalat College of Engineering,  
P.O.Box 980, Sharjah, United Arab Emirates  
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### ACADEMIC QUALIFICATIONS:

<b>Examination</b>	<b>Institution</b>	<b>Year</b>	<b>Division</b>
B.Sc. Mathematics	Punjab University, Pakistan.	1965	First Class
M.A. Mathematics	Punjab University, Pakistan.	1967	First Class
M.Sc. Mathematics	Queen's University, Canada.	1971	By Research
Ph.D. Mathematics	Brunel University, U.K.	1975	By Research

### THESES TITLES

- M.Sc.** (Queen's University, Kingston, Ontario, Canada, 1971)  
"The Riesz-Frechet Theorem and Monotonicity".
- Ph.D.** (Brunel University, London, United Kingdom, 1975)  
"On Variational Inequalities".

### FIELD OF SPECIALIZATION AND INTEREST

**APPLIED MATHEMATICS** (Numerical Analysis, Computing and Operations Research. )

### TEACHING AND RESEARCH EXPERIENCE

1. October 1967 - June 1968, Research Fellow, Islamabad University, Pakistan.
2. June 1968 - Sept. 1969, Research Fellow, Genova University, Genova, Italy.
3. Sept. 1969-August 1972, Teaching Fellow, Queen's University, Canada.
4. August 1972 - Oct. 1973, Lecturer, (ITU/UNESCO ), Shiraz University, Iran.
5. September 1973- September 1975, Ph.D. Student, Brunel University, London, U.K.
6. Sept. 1975 - July 1978, Assistant Professor, Jundi Shapur University, Ahwaz, Iran.
7. July 1978 - June 1980, Associate Professor, Kerman University, Iran.
8. August 1980 - Sept. 1981, Associate Professor, Islamia University, Pakistan.
9. Oct. 1981 - Feb. 1985, Assoc. Professor, King Saud Univ. Riyadh, Saudi Arabia.
10. Feb. 1985 - Aug. 1988, Professor, King Saud University, Riyadh, Saudi Arabia
11. July 1988 - Aug. 1989, Pakistan Science Foundation Scientist, Lahore, Pakistan.
12. Sept. 1989- August 1998, Professor, King Saud University, Riyadh, Saudi Arabia.
13. July 1998- August 2001, Adjunct/Visiting Professor, Dalhousie university, Halifax, NS, Canada

14. Sept. 2000-October 2000, Invited Professor, Department of Finance, University of Illinois at Chicago, USA.
15. September 2001-, Etisalat College of Engineering, Sharjah, United Arab Emirates

#### **ADMINISTRATIVE POSITIONS**

1. Chairman, Mathematics Department, Islamia University, Bahawalpur, Pakistan, 1980-81.
2. Head, Department of General Studies, Etisalat College of Engineering, Sharjah, UAE, September 2003-.
3. Leader, Engineering Mathematical Sciences Research Group, Etisalat College of Engineering, Sharjah, UAE, 2002-.

#### **COURSES TAUGHT**

**(a) Undergraduate Course:** Numerical Analysis, Linear Programming, Nonlinear Programming, Differential Equations (Ordinary & Partial), Linear Algebra, Functional Analysis, Number Theory, Calculus of Variations, Calculus Courses, Combinatorics.

**(b) Graduate Courses:** Advanced Numerical Analysis, Numerical Linear Algebra, Numerical Methods for Ordinary and Partial Differential Equations, Dynamic Programming, Topics in Computational Mathematics, Variational and Finite Element Methods, Operations Research, Mathematical Methods, Functional Analysis, Numerical Optimization, Variational Inequality, Complementarity Theory.

#### **AWARDS AND DISTINCTIONS**

1. Pakistan Government Merit Scholarship, 1961-67.
2. First Prize in Mathematics, 1961-65.
3. Italian Government Research Fellowship, 1968-69.
4. Marques Who's Who in the World, 1987-1992.
5. Men of Achievement, Int. Biographical Centre, U.K. 1988,1992.
6. International Leaders in Achievement, IBC, U.K.
7. International Who's Who of Intellectual, IBC, U.K.

#### **FELLOWSHIP AND MEMBERSHIP OF SCIENTIFIC SOCIETIES**

1. Fellow, Institute of Mathematics and its Applications, U.K.
2. Life Member, Punjab Mathematical Society, Pakistan.
3. Member, Society of Industrial and Applied Mathematics, (SIAM), U.S.A.
4. Fellow, Institute of Biographical Association, U.K.
5. Member, Math Programming Society, U.S.A.

#### **OTHER ACTIVITIES**

1. Chairman, Board of Studies in Mathematics, Islamia University, Pakistan, 1980-81.
2. Member, Committee responsible for the curriculum development for graduate studies, Islamia University, Pakistan, 1980-81.
3. Organizer, Departmental Seminars (Math.), King Saud University, 1982 - 1986.
4. Convener, Computational Mathematics Group, King Saud University, 1982 - 1986.
5. Member, Graduate Committee, Mathematics, King Saud University, 1982 - 1988 and 1992-1998.
6. Member, Convener's Committee in Mathematics, King Saud University, 1982 - 1986.
7. Member, Committee responsible for curriculum development for computer science undergraduate program, King Saud University, 1981 - 82.
8. Member, Numerical Analysis Group (Mathematics), King Saud University, 1981 - 1988 and 1989-1998.

9. Member, Committee responsible for curriculum development for Operations Research and Applicable Mathematics, King Saud University, 1986 -87.
10. Member, Applied Mathematics Group, King Saud University, 1991-1997.
11. Member, Evaluation Committee for M.Sc. Programm (Mathematics), King Saud University, 1991 - 92.
12. Member, Ph.D. Programm. Committee (Mathematics), King Saud University, 1993-1997.
13. Member, Committee responsible for the curriculum development for undergraduate and graduate studies, Punjab University, Lahore, Pakistan, 1988-1989.
14. Member, Curriculum committee, Etisalat college of engineering, Sharjah, UAE, 2001-2003.
15. Member, Academic planning, quality and stanadrd committee, Etisalat College of Engineering, Sharjah, UAE, 2001-.
16. Membebr, Curriculum committee, Etisalat Uinversity, Sharjah, UAE, 2003—.
17. Member, Steering committee, Etisalt Universeity, UAE, 2003—.

#### **EDITOR**

1. Associate Editor, Journal of Mathematical Analysis and Applications, 1997—.
2. Editor, Korean Journal of Computational and Applied Mathematics, Jan. 1999—.
3. Editor, Nonlinear Functional Analysis and Applications, 2001—.
4. Editor, Journal of Natural Geometry, University of London, U.K, 1994-2000.
5. Editor, Advances in Fluid Mechanics, Comput. Mechanics Publications, U.K, 1993-2000.
6. Member, International Advisory Scientific Committee, Adavnces in Fluid Mechanics, WIT, U.K. 1993—.
7. Member, Organization Committe, UAE-MathDay Conferences, United Arab Emirate, 2003—.
8. Editor, Communication on Applied Nonlinear Analysis, U.S.A, 1995.
9. Editor, Advances in Nonlinear Variational Inequalities, USA, 1999-2000.

#### **REVIEWER**

1. Member, Reviewing Committee for Zent. fur Mathematik, Germany, 1980-.
2. Member, Reviewing Committee for Mathematical Reviews, U.S.A, 19887-.
3. Referee for several international journals.

#### **THESES SUPERVISION (M.Sc.)**

1. On the solution of quadratic programming problem, (1984).
2. Iterative methods for complementarity problems, (1985).
3. Numerical methods for variational inequalities, (1986).
4. Error analysis of finite element methods for nonlinear elliptic problems, (1988).
5. Some topics in variational inequalities theory, (1991).
6. Computational techniques for obstacle problems, (1998).

#### **THESES SUPERVISION (Ph.D.)**

1. Numerical methods for complementarity problems, (1991).
2. Finite element methods for variational inequalities, (1992).

**CONFERENCES:** I have attended several conferences at the international and local levels and contributed/invited research papers in the proceedings of the se conferences.

## RESEARCH PUBLICATIONS

1. M. Aslam Noor; Bilinear forms and convex set in Hilbert space, *Boll. Un. Mat. Ital.* **5** (1972), 241-244.
2. M. Aslam Noor; Nonlinear Variational Inequalities, *Boll. Un. Mat. Ital.* **9**(1974),736-741.
3. M. Aslam Noor; Variational Inequalities and approximations, *Pun. Univ. J. Math.***8**(1975), 25-40.
4. M. Aslam Noor and J. R. Whiteman; Error bounds for the finite element solutions of mildly nonlinear elliptic boundary value problems, *Num. Math.* **26**(1976), 107-116.
5. J. R. Whiteman and M. Aslam Noor; Finite element methods for mildly nonlinear elliptic boundary value problems and variational inequalities, *Finite Element Journes*, Rennes, France, 1976.
6. M. Aslam Noor; Error analysis of generalized variational inequalities, *Proc. Ir. Math. Conf. Tabris*, (1977), 5-12.
7. M. Aslam Noor and K. Inayat Noor; Minimum of nonlinear functionals on convex sets, *Proc. Ir. Math. Conf. Tehran* (1978), 80-89.
8. M. Aslam Noor and K. Inayat Noor; Iterative methods for variational inequalities and nonlinear programming, *Op. Res. Verf.* **31**(1979), 455-463.
9. K. Inayat Noor and M. Aslam Noor; Iterative methods for a class of variational inequalities in Numerical Analysis of Singular Perturbation Problems, (eds Hemker and Miller), Academic Press, New York, 1979, 441-448.
10. M. Aslam Noor and K. Inayat Noor; Finite element methods for nonlinear variational inequalities, *Comm. Math. Univ. St. Pauli*, **28**(1979), 93-99.
11. K. Inayat Noor and M. Aslam Noor; A generalization of the Lax-Milgram lemma, *Canad. Math. Bull.* **23**(1980), 179-184.
12. M. Aslam Noor; Finite element error analysis of nonlinear variational inequalities, *Zet. Aug. Math. Mech. (ZAMM)*, **60**(1980),631-632.
13. M. Aslam Noor; A constructive proof of the Lax-Milgram Lemma, *Bull. Ir. Math. Soc.* **13**(1980), 33-39.
14. M. Aslam Noor; Error bounds for the mixed finite element method, *C. R. Math. Rep. Acad. Sci. Canada*,**2**(1980), 227-230.
15. M. Aslam Noor; Strongly nonlinear problems in a Hilbert space, *Bull. Ir. Math. Soc.* **14**(1980), 3-8.
16. M. Aslam Noor; Error estimates for the finite element approximation of variational inequalities, *Pun. Univ. Math. J.* **12-13** (1979/80), 15-21.
17. M. Aslam Noor; Error estimates for the finite element solutions of variational inequalities, *Int. J. Math. Math. Sci.***4**(1981), 565-570.
18. M. Aslam Noor; Finite element approximation theory of strongly nonlinear problems, *Comm. Math. Univ. St. Pauli* **31**(1982), 1-7.
19. M. Aslam Noor;  $L_2$ -estimates for variational inequalities, *C. R. Math. Rep. Acad. Sci. Canada*, **4**(1982), 165-170.
20. M. Aslam Noor; Strongly nonlinear variational inequalities, *C. R. Math. Rep. Acad. Sci. Canada*,**4**(1982), 213-218.
21. M. Aslam Noor; Mildly nonlinear variational inequalities, *Mathematica, Anal. Num. & Th. App.* **24**(47), (1982), 99-110.
22. M. Aslam Noor, Kh. Z. Elahi and K. Inayat Noor; Mixed finite element methods for nonlinear problems, in: *Finite Elements in Water Resources*, (eds Pol Holz, et al) Springer-Verlag, Berlin, 4(1982), 91-99.
23. M. Aslam Noor; Error estimates for mixed finite element methods, *Proc. First Int. Conf. Math. Riyadh*, (1982), 347-355.
24. M. Aslam Noor; Mixed finite element analysis of nonlinear elliptic problems. *Proc. Fourth Int. Conf. on Finite Element Methods*, Australia, (1982), 11-14.
25. M. Aslam Noor and K. Inayat Noor; Error estimates for the finite element solutions of variational inequalities, *Ann. Polon. Math.* **41**(1983), 111-115.

26. M. Aslam Noor; Error analysis of mildly nonlinear variational inequalities, *Car. J. Math.* **1**(2), (1983), 49-62.
27. M. Aslam Noor; Finite element approximation of nonlinear variational inequalities, *Proc. 3rd Symp. Numerical methods for Eng.*, Paris, 1983.
28. M. Aslam Noor; On mixed finite element techniques for elliptic problems, *Int. J. Math. & Math. Sci.* **4**(1983), 755-766.
29. M. Aslam Noor; Variational inequalities for a class of contact problems with friction in elastostatics, *C. R. Math. Rep. Acad. Sci. Canada*, **5**(1983), 127-132.
30. M. Aslam Noor; Another look at the Lax-Milgram Lemma, *Dir. Res. J.* **10**(1983), 31-32.
31. M. Aslam Noor and R. Ashrafi; Quasi variational inequalities approach for transportation network, *Proc. Int. Conf. IASTED*, Denmark, Section 23, 2(1983), 19-21.
32. M. Aslam Noor and S.I.A. Tirmizi; A numerical method for unilateral problems. *Lett. Appl. Eng.. Sci.* **22**(1984), 467-473.
33. M. Aslam Noor; Finite element approximation of nonlinear variational inequalities arising in porous media, in *Finite Elements in Water Resources*, Comput. Mechanics Publication, Vol. V, ( eds. C. Brebbia et al.) (1984), 231-240.
34. M. Aslam Noor; Finite element analysis for a class of contact problems, *C. R. Math. Rep. Acad. Sci.* **6**(1984), 249-254.
35. M. Aslam Noor; An iterative scheme for a class of quasi variational inequalities, *J. Math. Anal. and Appl.* **110**(1985), 463-468.
36. M. Aslam Noor and S. Zarae; Linear quasi complementarity problems, *Utilitas Math.*, **27**(1985), 249-260.
37. M. Aslam Noor; Variational inequalities related with a Signorini problems, *C. R. Math. Rep. Acad. Sci. Canada*, **7**(1985), 267-272.
38. M. Aslam Noor; Generalized quasi mildly nonlinear variational inequalities, in: *Variational Methods in Engineering*, (ed. C. Brebbia), Springer-Verlag, Berlin, (1985), 3.3-3.11.
39. M. Aslam Noor; Finite element analysis of a Signorini problem, *Int. J. Eng. Sci.* **23**(1985), 739-746.
40. M. Aslam Noor; Iterative methods for quasi complementarity problems, *Methods Oper. Res.* **56**(1986), 75-83.
41. M. Aslam Noor; Generalized quasi complementarity problems, *J. Math. Anal. and Appl.*, **120**(1986), 321-327.
42. M. Aslam Noor; Error estimates for mixed finite element approximations of nonlinear problems, *Int. J. Engg. Sci.* **24**(1986), 1283-1293.
43. M. Aslam Noor; Generalized nonlinear complementarity problems, *J. Nat. Sci. & Math.* **26**(1986), 9-20.
44. M. Aslam Noor and S.I.A. Tirmizi; Numerical methods for unilateral problem, *J. Comput. Appl. Math.*, **16**(1986), 387-395.
45. M. Aslam Noor; Finite element error estimates for nonlinear variational inequalities, in: *Finite Elements in Water Resources*, (eds Brebbia et al.) CML Publication, U.K. (1986), 757-765.
46. M. Aslam Noor and S. Zarae; An iterative scheme for complementarity problems, *Eng.. Anal.* **3**(1986), 221-224.
47. M. Aslam Noor; Finite elements method and nonlinear programming, *J. Pak. Scient. Res.*, **38**(1986), 69-74.
48. M. Aslam Noor; On the nonlinear complementarity problems, *J. Math. Anal. Appl.* **123**(1987), 455-460.
49. M. Aslam Noor; General nonlinear variational inequalities, *J. Math. Anal. Appl.* **126**(1987), 78-84.
50. M. Aslam Noor; Iterative methods for nonlinear quasi complimentarity problems, *Int. J. Math.& Math. Sci.*, **10**(1987), 339-344.
51. M. Aslam Noor; On a class of variational inequalities, *J. Math. Anal. Appl.* **128**(1987), 137-155.
52. M. Aslam Noor; Finite element analysis for a class of nonlinear variational inequalities, *Int. J. Eng.. Sci.* **25**(1987), 1497-1501.

53. M. Aslam Noor and S.I.A. Tirmizi; Numerical solutions for unilateral problems in elasticity, *Math. Modelling*, **8**(1987), 540-543.
54. M. Aslam Noor and A.K. Khalifa; Cubic splines collocation methods for unilateral problems, *Int. J. Eng.. Science*, **25**(1987), 1525-1530.
55. M. Aslam Noor; The quasi complementarity problem, *J. Math. Anal. Appl.* **130**(1988), 344-353.
56. M. Aslam Noor; Convergence analysis of the iterative methods for quasi complementarity problems, *Int. J. Math. & Math. Sci.* **11**(1988), 319-334.
57. M. Aslam Noor; Iterative methods for a class of complementarity problems, *J. Math. Anal. Appl.* **133**(1988), 366-382.
58. M. Aslam Noor; Fixed point approach for complementarity problems, *J. Math. Anal. Appl.* **133**(1988), 437-448.
59. M. Aslam Noor; General variational inequalities, *Applied Math. Letters* **1**(1988), 119-122.
60. M. Aslam Noor; Quasi variational inequalities, *Appl. Math. Letters* **1**(1988), 367-370.
61. M. Aslam Noor and S.I.A. Tirmizi; Finite difference technique for solving obstacle problems, *Appl. Math. Letters* **1**(1988), 267-271.
62. M. Aslam Noor; Nonlinear variational inequalities in elastostatics, *Int. J. Eng. Sci.* **26**(1988), 1043-1051.
63. M. Aslam Noor and S.I.A. Tirmizi; Numerical techniques for a class of unilateral problems, *Applied Math. Letters* **1**(1988), 371-375.
64. M. Aslam Noor; On complementarity problems, *Math. Japonica* **34**(1989), 83-88.
65. M. Aslam Noor; Nonlinear quasi complementarity problems, *Appl. Math. Letters* **2**(1989), 251-254.
66. M. Aslam Noor and S.I.A. Tirmizi; Highly accurate methods for solving unilateral problems, *Punj. Univ. J. Math.* **22**(1989-90), 19-30.
67. M. Aslam Noor and O.M.S. Hamed; Integral equations techniques for contact problems, *Math. Comput. Modelling* **12**(1989), 1079-1084.
68. A.K. Khalifa and M. Aslam Noor; Quintic splines solutions of a class of contact problems, *Math. Comput. Modelling* **13**(1990), 51-58.
69. M. Aslam Noor; An iterative algorithm for semi-linear quasi complementarity problems, *J. Math. Anal. Appl.* **145**(1990), 402-412.
70. M. Aslam Noor; Mixed variational inequalities, *Appl. Math. Lett.* **3**(1990), 73-75.
71. O.M.S. Hamed and M. Aslam Noor; A numerical method for electrochemical machining problem, *J. Nat. Sci. Math.* **30**(1990), 13-19.
72. M. Aslam Noor and A.K. Khalifa; Quintic splines method for solving contact problems, *Appl. Math. Lett.* **3**(1990), 81-83.
73. F. Al-Thukair and M. Aslam Noor; Complementarity problems in semi-inner product spaces, *Appl. Math. Lett.* **3**(1990), 85-87.
74. M. Aslam Noor; General quasi complementarity problems, *Math. Japonica* **36**(1991), 113-119.
75. M. Aslam Noor; An iterative algorithm for variational inequalities, *J. Math. Anal. Appl.*, **158**(1991), 448-455.
76. M. Aslam Noor; Some classes of variational inequalities in Constantin Caratheodory: An International Tribute, (ed T. Rassias,) World Scientific Pub. Comp., Singapore-N.J., (1991), 996-1019.
77. M. Aslam Noor; A computational method for variational inequalities, in: Computational Modelling of Free and Moving Boundary Problems (eds L.C. Wrobel et al.), CML-Publications, U.K. (1991), 359-366.
78. M. Aslam Noor; On nonlinear variational inequalities, *Int. J. Math. & Math. Sci.*, **14**(1991), 399-402.
79. M. Aslam Noor and S.I.A. Tirmizi; Numerical methods for a class of contact problems, *Int. J. Eng. Sci.* **28**(1991), 513-521.
80. M. Aslam Noor; General algorithms and sensitivity analysis for variational inequalities, *J. Appl. Math. & St. Anal.*, **5**(1992), 29-42.
81. M. Aslam Noor; An iterative algorithm for nonlinear variational inequalities, *Appl. Math. Letters* **5**(1992), 29-42.

82. M. Aslam Noor; General algorithm for variational inequalities, *J. Optim. Th. Appl.*, **73**(1992), 409-413.
83. M. Aslam Noor; Iterative methods for quasi variational inequalities, *PanAmer. Math. J.*, No. **2** (2)(1992), 17-26.
84. M. Aslam Noor and E. El-Shemas; Iterative methods for general quasi complementarity problems, *Honam. Math. J.* **14**(1992), 107-121.
85. M. Aslam Noor; General Wiener-Hopf equations and nonlinear quasi-variational inequalities, *PanAmer. Math. J.* **2**(4)(1992), 51-70.
86. M. Aslam Noor; Iterative methods and sensitivity analysis for general quasi variational inequalities, *J. Nat. Geometry*, **3**(1993), 39-58.
87. M. Aslam Noor; General algorithm for variational inequalities (I), *Math. Japonica* **38**(1993), 47-53.
88. M. Aslam Noor and S.A. Elsanousi, Iterative methods for random variational inequalities, *PanAmer. Math. J.* **3**(1)(1993), 39-50.
89. M. Aslam Noor; Wiener-Hopf equations and complementarity problems, *PanAmer. Math. J.* **3**(1)(1993), 59-68.
90. M. Aslam Noor; Variational inequalities for fuzzy mappings(I), *Fuzzy Sets and Systems*, **55**(1993), 309-312.
91. M. Aslam Noor, K. Inayat Noor, and Th.M. Rassias, Some aspects of variational inequalities, *J. Comput. Appl. Math.*, **47**(1993), 285 - 312.
92. M. Aslam Noor; On variational inequalities in semi-inner product spaces, *Tamkang J. Math.* **24**(1993), 91-99.
93. M. Aslam Noor; Strongly nonlinear quasi variational inequalities, *J. Nat. Geometry*, **3**(1993), 117-128.
94. M. Aslam Noor; Wiener-Hopf equations and variational inequalities, *J. Optim. Theory Appl.* **79**(1993), 197-206.
95. M. Aslam Noor; Finite element estimates for a class of nonlinear variational inequalities, *Int. J. Math. Math. Sci.*, **16**(1993), 503-510.
96. M. Aslam Noor and M. El-Shemas, Fixed point methods for nonlinear complementarity problems, *Ind. J. Math.* **35**(1993), 71-97.
97. M. Aslam Noor and E.A. Al-Said, Auxiliary principle technique for a class of nonlinear variational inequalities, in: Computational Modelling of Free and Moving Boundary Problems(II), (eds. C. A. Brebbia), CML-Publications, U.K. (1993), 419-426.
98. M. Aslam Noor and K.A. Al-Bany, Wiener-Hopf equations technique for general variational inequalities, in: Contact Mechanics, (eds. C. A. Brebbia), CML-Publications, U.K. (1993), 361-368.
99. M. Aslam Noor; Auxiliary principle and error estimates for variational inequalities, *Honam. Math. J.* **15**(1993), 105-120.
100. M. Aslam Noor; Iterative algorithms for nonlinear variational inequalities, *PanAmer. Math. J.* **3**(2)(1993), 60-80.
101. M. Aslam Noor; A general algorithm and sensitivity analysis for variational inequalities, *J. Comput. Math.* **11**(1)(1993), 87-96.
102. M. Aslam Noor, On some variational inequalities, *Nihonkai Math. J.* **4**(1993), 53-59.
103. M. Aslam Noor, On a class of nonconvex functions, *PanAmer Math. J.* **3**(4) (1993), 37-50.
104. M. Aslam Noor; General nonlinear complementarity problems, in: Analysis, Geometry and Groups: A Riemann Legacy Volume (Eds.H. M. Srivastava and Th. M. Rassias), Hadronic Press, Inc. U.S.A. (1993), 337-371.
105. M. Aslam Noor and K. Inayat Noor and Th.M. Rassias, Invitation to variational inequalities, in: Analysis, Geometry and Groups: A Riemann Legacy Volume (Eds. H. M. Srivastava and Th. M. Rassias), Hadronic Press, Inc. U.S.A. (1993), 373-448.
106. M. Aslam Noor and R. Ashrafi, On a numerical method for obstacle problems, *Math. Computers in Simul.*, **36**(1994), 49-55.
107. M. Aslam Noor, General auxiliary principle for variational inequalities, *PanAmer. Math. J.* **4**(1)(1994), 27-44.

108. M. Aslam Noor, Variational inequalities in physical oceanography, in: Ocean Waves Engineering (ed. M. Rahman), Comput. Mech. Publications, U.K. (1994), 201-226.
109. M. Aslam Noor, General multivalued variational inequalities, *J. Natural Geometry* **6**(1994), 145-160.
110. M. Aslam Noor and S.A. Elsanousi, Random nonlinear variational inequalities, *PanAmer. Math. J.* **4**(2) (1994), 73-87.
111. M. Aslam Noor, Fuzzy preinvex functions, *Fuzzy Sets and Systems*, **64**(1994), 95-104.
112. M. Aslam Noor, On arcwise-connected convex functions, *Comm. Appl. Nonlinear Anal.* **1**(2) (1994), 71-84.
113. M. Aslam Noor, Generalized convex functions, *PanAmer. Math. J.* **4**(3) (1994), 73-89.
114. M. Aslam Noor, Variational-like inequalities, *Optimization* **30**(1994), 323-330.
115. M. Aslam Noor, On strongly nonlinear variational inequalities, Proc., 14th IMACS World Congress on Computation and Applied Mathematics, eds. R . Vichnevetsky et al, IMACS (1994).
116. M. Aslam Noor and K.A. Khalifa, A numerical approach for odd order obstacle problems, *Int. J. Computer Math.* **54** (1994), 109-116.
117. M. Aslam Noor and W. Oettli, On general nonlinear complementarity problems and quasi equilibria, *Le Matemat*, **49**(1994), 313-331.
118. M. Aslam Noor, Monotone variational-like inequalities, *Comm. Appl. Nonlinear Anal.* **1**(4)(1994), 47-62.
119. M. Aslam Noor, Mixed variational-like inequalities, *Comm. Appl. Nonlinear Anal.* **1**(4)(1994), 63-75.
120. M. Aslam Noor, On iterative algorithms for a class of nonlinear variational inequalities, *Approx. Theory Appl.* **11**(3)(1995),95-105
121. M. Aslam Noor, Set-valued variational inequalities, *Optimization* **33** (1995), 133-142.
122. M. Aslam Noor, Some nonlinear variational inequalities, *Tamkang J. Math.* **26**(1995), 97-105.
123. M. Aslam Noor, Equivalence of differentiable optimization problems for variational inequalities, *J. Nat. Geometry* **8**(1995), 117-128.
124. M. Aslam Noor, Nonconvex functions and variational inequalities, *J. Optim. Theory Appl.* **87**(1995), 615-630.
125. M. Aslam Noor, Generalized multivalued variational inequalities, *Dynamic Systems and Applications* **4**(1995), 469-476.
126. M. Aslam Noor, Multivalued general quasi variational inequalities, *Nonlinear World*, **2**(1995), 509-518.
127. E. Al-Said and M. Aslam Noor, Computational methods for fourth order obstacle boundary value problems, *Comm. Appl. Nonlinear Anal.* **2**(3) (1995), 73-83.
128. M. Aslam Noor, Iterative method for multivalued quasi variational inequalities, in: Proc. Neural, Parallel and Scientific Computations, (ed.) M. Sambandham, Dynamic Publishers, Inc. USA (1995), 371-374.
129. M. Aslam Noor, Multivalued strongly nonlinear quasi variational inequalities, *Chinese J. Math.* **23**(1995), 275-286.
130. M. Aslam Noor, Set-valued quasi variational inequalities, *PanAmer. Math. J.* **5**(2) (1995), 83-94.
131. M. Aslam Noor, Generalized multivalued variational inequalities(II), *Comput. Math. Appl.* **30**(11)(1995), 83-89.
132. M. Aslam Noor, Multivalued strongly nonlinear variational inequalities, *Optimization* **36**(1996), 31-39.
133. M. Aslam Noor, On certain classes of variational inequalities and related iterative algorithms, *J. Appl. Math. Stoch. Anal.* **9**(1996), 43-56.
134. M. Aslam Noor, On a class of quasi variational inequalities, *Approx. Th.. Appl.* **12**(**3**)(1996), 18-28.
135. M. Aslam Noor, Computational techniques for variational inequalities, *J. Nat. Geometry*, **9**(1996), 41-62.
136. M. Aslam Noor, Preinvex functions and variational inequalities, *J. Nat. Geometry*, **9**(1996), 63-76.
137. E. Al-Said, M. Aslam Noor and K.A. Khalifa, Finite difference scheme for variational inequalities, *J. Optim. Theory Appl.* **89**(1996), 453-459.
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