

RESUME OF DR. M. ANWAR CHAUDHRY

(Short Version)

1. Personal Information:

Name: Muhammad Anwar Chaudhry
Nationality: Pakistani
Designation: Associate Professor, Department of Mathematical Sciences, KFUPM, Dhahran, Saudi Arabia
Present Address: P.O. Box No. 361, KFUPM, Dhahran 31261, Saudi Arabia
King Fahd University of Petroleum and Minerals
Telephone (Office): 860-4492
Telephone (Residence): 860-5330
Email: chaudhry@kfupm.edu.sa

2. Education:

Degree	University	Subject	Period
M.Sc.	Punjab University, Pakistan	Pure Mathematics	1967-69
D.Sc.	Kyushu University, Japan	Algebra and Applications	1973-77

3. Professional Experience:

1992 (September) to date Associate Professor, Department of Mathematical Sciences, KFUPM.
1992 (April) – 1992 (September) Professor of Mathematics, Bahauddin Zakaria University, Multan, Pakistan
1980 – 1992 (April) Associate Professor, Department of Mathematics, Bahauddin Zakaria University, Multan, Pakistan
1977 – 80 Assistant Professor, Bahauddin Zakaria University, Multan, Pakistan
1973 – 77 Research Scholar, Kyushu University, Japan
1970 – 73 Lecturer, Punjab University, Pakistan

4. M.Phil. Thesis Supervision

<u>Title of the Thesis</u>	<u>Student Name</u>	<u>Institution</u>
1. Ideal and Composition Series in BCI-algebras	Akhlaq Ahmad Siddiqi	Bahauddin Zakaria University, Multan, Pakistan
2. Numerical Solution for Integro-Differential Equations	M. Naseem Alam	Bahauddin Zakaria University, Multan, Pakistan
3. Numerical Methods for Volterra Integral Equations of the First Kind	Noor Muhammad Gopang	Bahauddin Zakaria University, Multan, Pakistan
4. Centre and Regular Congruences on BCI-algebra	Arfan Hussain Zaidi	Bahauddin Zakaria University, Multan, Pakistan
5. BCH-Algebras	Hafiz Fakhar-ud-din	Bahauddin Zakaria University, Multan, Pakistan

5. Ph.D. Thesis Supervision

<u>Title of the Thesis</u>	<u>Student Name</u>	<u>Institution</u>
1. Self Maps and Categorical Aspects of BCI-algebra	Shaban Ali Bhatti	Bahauddin Zakaria University, Multan, Pakistan

6. Research Publications (in refereed journals)

1. Chaudhry, M.A. and Fakhar-ud-din, H. Some categorical aspects of BCH-algebras. *International Journal of Mathematics and Mathematical Sciences*, 1739-1750, 2003.
2. Chaudhry, M.A. and Thaheem, A.B. On (alpha,beta)-derivations of semiprime rings. *Demonstratio Mathematica*, 36:283-287, 2003.
3. Chaudhry, M.A. and Thaheem, A.B. (alpha,beta)-derivations on semiprime rings. *International Mathematical Journal*, 3(10):1033-1042, 2003.
4. Chaudhry, M.A. On branchwise implicative BCI-algebras. *International Journal of Mathematics and Mathematical Sciences*, 29(7):417-425, 2002.
5. Chaudhry, M.A. On some classes of BCH-algebras. *International Journal of Mathematics and Mathematical Sciences*, 25(3):205-211, 2001.
6. Chaudhry, M.A. On two classes of BCI-algebras. *Scientiae Mathematicae Japonicae*, 53(2):269-278, 2001.
7. Chaudhry, M.A. On positive implicative BCI-algebras. *Mathematica Japonica*, 52(1):9-12, 2000.
8. Chaudhry, M.A. and Thaheem, A.B. On a problem of commutativity of automorphisms. *International Journal of Mathematics and Mathematical Sciences*, 21:411-412, 1998.
9. Samman, M.S., Chaudhry, M.A. and Thaheem, A.B. A note on commutativity automorphisms. *International Journal of Mathematics and Mathematical Sciences*, 21:20-204, 1998.

10. Bokhari, M.a., Chaudhry, M.A., and Qadir, A. Approximate solutions of integral equations and convolution integrals using Legendre polynomials. *Approximation Theory and Its Applications*, 13(2):11-19, 1997.
11. Chaudhry, M.A. and Fakhar-ud-din, H. Ideals and filters in BCH-algebras. *Mathematica Japonica*, 44(1):101-112, 1996.
12. Chaudhry, M.A. and Thaheem, A.B. A note on automorphisms of prime rings. *Demonstratio Mathematica*, 29:813-836, 1996.
13. Bhatti, S.A. and Chaudhry, M.A. On a universal property of BCI-algebra. *Punjab University Journal of Mathematics*, 25:145-152, 1992.
14. Bhatti, S.A. and Chaudhry, M.A., and Zaidi, A.H. Characterization of BCI-algebras of order five. *Punjab University Journal of Mathematics*, 25:99-121, 1992.
15. Chaudhry, M.A. Branchwise commutative BCI-algebras. *Mathematica Japonica*, 37(1):163-170, 1992.
16. Bhatti, S.A. and Chaudhry, M.A. Characterizations of BCI-algebras with weak unit. *Punjab University Journal of Mathematics*, 34:75-80, 1991.
17. Bhatti, S.A. and Chaudhry, M.A. Annihilators and duality in BCI-algebras. *Mathematica Japonica*, 36(6):1025-1031, 1991.
18. Bhatti, S.A. and Chaudhry, M.A. On weak mappings of BCI-algebras. *Mathematica Japonica*, 36(1):93-103, 1991.
19. Bhatti, S.A., Chaudhry, M.A., and Ahmad, B. Obstinate ideals in BCI-algebras. *Journal of Natural Sciences and Mathematics*, 30(1),21-31, 1990.
20. Bhatti, S.A. and Chaudhry, M.A. Ideals in BCI-algebras, *International Journal of Mathematical Education in Sciences and Technology*, 21(4):637-643, 1990.
21. Chaudhry, M.A. Characterization of weakly positive implicative BCI-algebras. *Journal of Natural Sciences and Mathematics*, 30(22):59-75, 1990.
22. Chaudhry, M.A. Weakly positive implicative and weakly implicative BCI-algebras. *Mathematica Japonica*, 35(1):141-151, 1990.
23. Chaudhry, M.A. On BCH-algebras. *Mathematica Japonica*, 36(4):665-676, 1990.
24. Chaudhry, M.A. and Bhatti, S.A. A note on p-semisimple BCI-algebras of order four. *Mathematica Japonica*, 35(4):719-722, 1990.
25. Chaudhry, M.A. and Zaidi, A.H. On centre and regular congruences on BCI-algebras. *Bulletin of the Calcutta Mathematical Society*, 82(4), 1990.
26. Siddiqi, A.A. and Chaudhry, M.A. On ideal and composition series in BCI-algebras. *Journal of Research (Science)*, 2:55-59, 1990.
27. Siddiqi, A.A. and Chaudhry, M.A. On ideal chains in CBI-algebras. *Journal of Research (Science)*, 2:61-65, 1990.
28. Bhatti, S.A. and Chaudhry, M.A. Monomorphisms and epimorphisms in the category of BCI-algebras. *Punjab University Journal of Mathematics*, 22:105-119, 1989.
29. Bhatti, S.A., Chaudhry, M.A., and Ahmed, B. On classification of BCI-algebras. *Mathematica Japonica*, 34(6):865-876, 1989.
30. Siddiqi, A.A. and Chaudhry, M.A. On maximality and simplicity in BCI-algebras. *Journal of Natural Sciences and Mathematics*, 29:11-19, 1989.
31. Siddiqi, A.A. and Chaudhry, M.A. On isomorphism theorems in BCI-algebras. *Punjab University Journal of Mathematics*, 22:37-53, 1989.
32. Ahmad, B. and Chaudhry, M.A. On BCI-algebras satisfying $x*(x*y) = y$. *Journal of Natural Sciences and Mathematics*, 28(1):153-156, 1988.
33. Bhatti, S.A. and Chaudhry, M.A. On self maps of BCI-algebras. *Punjab University Journal of Mathematics*, 21:97-104, 1988.
34. Chaudhry, M.A. and Ahmed, B. On a class of BCI-algebra. *Mathematica Japonica*, 33(6):827-830, 1988.
35. Chaudhry, M.A., Ahmed, B., and Bhatti, S.A. On kernels and annihilators of BCK-algebras. *Mathematica Japonica*, 33(3):339-0, 1988.

36. Chaudhry, M.A. and Bhatti, S.A. On the category of BCI-algebras. *Punjab University Journal of Mathematics*, 21:105-119, 1988.
37. Chaudhry, M.A., Ahmad, B., and Bhatti, S.A. On self maps of BCK-algebras II. *Mathematica Japonica*, 32(5):687-691, 1987.
38. Dar, K.H., Chaudhry, M.A., and Ahmad, B. A note on BCK-algebras. *Journal of Natural Sciences and Mathematics*, 27(1):21-23, 1987.
39. Ahmed, B., Dar, K.H., and Chaudhry, M.A. A note on BCI-algebras. *Journal of Natural Sciences and Mathematics*, 26(1):31-34, 1986.
40. Chaudhry, M.A., Ahmad, B., and Bhatti, S.A., On self maps of BCK-algebras. *Journal of Natural Sciences and Mathematics*, 26(1):15-18, 1986.
41. Dar, K.H., Ahmad, B., and Chaudhry, M.A. ON $(r,1)$ systems in BCK-algebras. *Journal of Natural Sciences and Mathematics*, 26(2):1-6, 1986.
42. Chaudhry, M.A. On state-behavior machines. *Memoirs of the Faculty of Science, Kyushu University, Series A, Mathematics*, 31:95-111, 1977.
43. Chaudhry, M.A. Time-varying sequential machines in a category II. *Memoirs of the Faculty of Science, Kyushu University, Series A, Mathematics*, 31(1):45-50, 1977.
44. Chaudhry, M.A, and Kawahara, Y. On the lattice of quotients of an adjoint machine. *Memoirs of the Faculty of Science, Kyushu University, Series A, Mathematics*, 31(1):51-70, 1977.
45. Chaudhry, M.A. Numerical methods for integro-difference equations. *Memoirs of the Faculty of Science, Kyushu University, Series A, Mathematics*, 30(1):15-23, 1976.
46. Chaudhry, M.A. Time-varying sequential machines in a category. *Memoirs of the Faculty of Science, Kyushu University, Series A, Mathematics*, 30(2):287-297, 1976.

7. Research Papers accepted for publication (in refereed journals)

1. Chaudhry, M.A. and Thaheem, A.B. Centralizing mappings and derivations on semiprime rings. *Demonstratio Mathematica*.
2. Chaudhry, M.A., and Thaheem, A.B. On (α, β) -derivations of semiprime rings II. *Demonstratio Mathematica*.
3. Chaudhry, M.A. and Thaheem, A.B. On a pair of two-sided α -derivations on semiprime rings. *Mathematical Journal of Okayama University*.
4. Chaudhry, M.A. and Thaheem, A.B. A note on a pair of derivations on semiprime rings. *International Journal of Mathematics and Mathematical Sciences*.
5. Chaudhry, M.a. and Thaheem, A.B. On a pair of (α, β) -derivations of semiprime rings. *Aequationes Mathematicae*.