
References

1. **Abd EI-Hakeim.,** Generalized semi continuous mappings in fuzzy topological spaces, *The Journal of Fuzzy Mathematics*, 7, 1999, 577-589.
2. **Ahmad Al-Omari and Mohammed Salmi Md. Noorani.,** On generalized b-closed sets, *Bull. Malays. Math. Sci. Soc*, 32, 2009a, 19-30.
3. **Ahmad Al-Omari and Mohammed Salmi Md. Noorani.,** Some properties of contra b-continuous and almost contra b-continuous functions, *European J. Pure Appl. Math*, 2, 2009b, 213-220.
4. **Ahmad, B. and Athar, M.,** Fuzzy almost continuous functions, *Int. J. Contemp. Math. Sciences*, 3, 2008, 1665 - 1677.
5. **Andrijevic, D.,** Semi-pre open sets, *Mat. Vesnik.*, 38, 1986, 24-32.
6. **Andrijevic, D.,** b- open sets, *Mat. Vesnik.*, 48, 1996, 59-64.
7. **Arunprakash, K. and santhi, R.,** Intuitionistic fuzzy semi generalized closed mappings, *International Journal of Mathematics and Soft Computing*, 2, 2012, 85-94.
8. **Arya, S. P., and Gupta, R.,** On strongly continuous mappings, *Kyungpook Math. J.*, 14, 1974, 131-143.
9. **Atanassov, K.,** Intuitionistic fuzzy sets, *Fuzzy Sets and Systems*, 20, 1986, 87-96.
10. **Atanassov, K.,** Reviews and new results of intuitionistic fuzzy sets, *Institute for Microsystems, Mathematical Foundations of Artificial Intelligence Seminar*, 5, 1988, 1-8.
11. **Atanassov, K.,** More on intuitionistic fuzzy sets, *Fuzzy Sets and Systems*, 33, 1989, 37-45.
12. **Atanassov, K.,** New operations of intuitionistic fuzzy sets-III, *Fuzzy Sets and Systems*, 61, 1994, 137-142.
13. **Azad, K. K.,** On fuzzy semi continuity, fuzzy almost continuity and fuzzy weakly continuity, *Journal of Mathematical Analysis and Application*, 82, 1981, 14-32.
14. **Balsubramanian, G. and Sundaram, P.,** On some generalization of fuzzy continuous functions, *Fuzzy Sets and Systems*, 86, 1997, 93-100.

-
15. **Balachandran, K., Sundaram, P. and Maki, H.,** On generalized continuous maps in topological spaces, Mem. Fac. Sci. Kochi Univ. Ser. A Math, 12, 1991, 5-13.
 16. **Bayaz Daraby. and Nimse, S.B.,** Fuzzy generalized alpha closed set and its applications, Filomat 21, 2007, 99-108.
 17. **Bhattacharyya, P. and Lahiri, B. K.,** Semi generalized closed sets in topology, Indian J. Math., 29, 1987, 376-382.
 18. **Benchalli, S. S. and Jenifer Karnel.,** On fuzzy b-open sets in fuzzy topological spaces, Journal of Computer and Mathematical Sciences, 1, 2010a, 127-134.
 19. **Benchalli, S. S. and Jenifer Karnel.,** On fuzzy b-neighbourhoods and fuzzy b-mappings in fuzzy topological spaces, J.Comp. & Math. Sci., 1, 2010b, 696-701.
 20. **Benchalli, S.S., Jenifer, J. Karnel., and Siddapur, G.P.,** Fuzzy b-generalized homeomorphism in fuzzy topological spaces, Int. J. Contemp. Math. Sciences, 7, 2012, 1295-1304.
 21. **Bhaumik, R. N. and Mukherjee, A.,** Fuzzy completely continuous mappings, Fuzzy Sets and Systems, 56, 1993(a), 243-246.
 22. **Bhaumik, R. N. and Mukherjee, A.,** Fuzzy weakly completely continuous functions, Fuzzy Sets and Systems, 55, 1993(b), 347-354.
 23. **Bin Shahna, A. S.,** On fuzzy strong semi continuity and fuzzy pre continuity, Fuzzy Sets and Systems, 44, 1991, 303-308.
 24. **Bourbaki, N.,** General topology, Part 1, Addition Wesley, 1966.
 25. **Chang, C. L.,** Fuzzy topological spaces, Journal of Mathematical Analysis and Application, 24, 1968, 182-190.
 26. **Coker, D.,** An introduction to intuitionistic fuzzy topological spaces, Fuzzy Sets and Systems, 88, 1997, 81 - 89.
 27. **Coker, D. and Demirci, M.,** On intuitionistic fuzzy points, Notes on Intuitionistic Fuzzy Sets, 1, 1995, 79-84.
 28. **Devi, R., Balachandran, K., and Maki, H.,** Generalized alpha closed maps and alpha generalized closed maps, Indian J.Pure.Appl.Math, 29, 1998, 37-49.
 29. **Devi, R., Balachandran, K., and Maki, H.,** Semi generalized closed maps and generalized semi closed maps, Mem. Fac. Kochi.Univ. Ser. A. Math., 14, 1993, 41-54.

-
30. **Dhavaseelan, R., Roja, E., and Uma, M.K.**, Generalized intuitionistic fuzzy closed sets, *Advances in Fuzzy Mathematics*, 5, 2010, 157-172.
 31. **Dipankar De**, Fuzzy generalized γ closed set in fuzzy topological space, *Annals of Pure and Applied Mathematics*, 7, 2014, 104-109.
 32. **Dontchev, J.**, On generalizing semi-pre open sets, *Mem. Fac. Sci. Kochi Univ. Ser. A. Math.*, 16, 1995, 35-48.
 33. **Dontchev, J.**, Contra continuous functions and strongly s closed spaces, *International J. Math. Math. Sci.*, 19, 1996, 303-310.
 34. **Dontchev, J. and Noiri, T.**, Contra-semicontinuous functions, *Math. Pannonica.*, 10, 1999, 159-168.
 35. **Ekici, E.**, On contra-continuity, *Annals Univ. Sci. Budapest*, 47, 2004, 127-137.
 36. **Ekici, E., and Caldas, M.**, Slightly γ continuous functions, *Bol. Soc. Paran. Mat.*, 22, 2004, 63-74.
 37. **Ekici, E. and Kerre, E.**, On fuzzy contra continuities, *Advances in Fuzzy Mathematics*, 1, 2006, 35- 44.
 38. **El-Magbrabi, A.I.**, Some properties of contra-continuous mappings, *Int. J. General Topol.*, 3, 2010, 55-64.
 39. **Fukutake, T., Nasef, A.A., and El-Magbrabi, A.I.**, Some topological concepts via γ generalized closed sets, *Bulletin of Fukuoka University of Education*, 52, 2003, 1-9.
 40. **Ganguly, S. and Saha, S.**, A note on fuzzy semi open sets in fuzzy topological spaces, *Fuzzy Sets and Systems*, 18, 1986, 83-96.
 41. **Ganster, M., and Steiner, M.**, On $\beta\tau$ closed sets, *Appl. General Topology*, 8, 2007, 243-247.
 42. **Ghosh, B.**, Semi-continuous and semi-closed mappings and semi connectedness in fuzzy setting, *Fuzzy Sets and Systems*, 35, 1990, 345-355.
 43. **Gurcay, H., Coker, D. and Hayder, A.**, On fuzzy continuity in intuitionistic fuzzy topological spaces, *The Journal of Fuzzy Mathematics*, 5, 1997, 365-378.
 44. **Hanafy, I. M. and EI-Arish**, Completely continuous functions in intuitionistic fuzzy topological spaces, *Czechoslovak Mathematical Journal*, 53, 2003, 793-803.
 45. **Hanafy, I. M.**, γ connectedness in fuzzy topological spaces, *International Journal of Fuzzy Logic and Intelligent Systems*, 3, 2003, 258-261.
 46. **Hanafy, I. M.**, Intuitionistic fuzzy γ continuity, *Canad. Math. Bull.*, 52, 2009, 1-11.
-

-
47. **Hariwan Z. Ibrahim.,** On almost γ continuous functions, *European Journal of Mathematical Sciences*, 1, 2012, 27-35.
 48. **Hazra, H., Mandal, T.K. and Samanta, S, K.,** Connectedness in topology of intuitionistic fuzzy sets, *Advanced Studies in Contemporary Mathematics*, 7, 2003, 119-134.
 49. **Hur, K. and Jun, Y.B.,** On intuitionistic fuzzy alpha-continuous mappings, *Honam Math. Jour*, 25, 2003, 131-139.
 50. **Jafari, S. and Noiri, T.,** On almost pre continuous functions, *Inter. J. Math. Math. Sci., USA.*, 24, 2000, 193-201.
 51. **Jafari, S. and Noiri, T.,** Contra- α - continuous mappings between topological spaces, *Iran. Int. J. Sci*, 2, 2001, 153-167.
 52. **Jafari, S. and Noiri, T.,** On contra pre continuous functions, *Bull. Malaysian Math. Sc. Soc.*, 25, 2002, 115-128.
 53. **Joung Kon Jeon, Young Bae Jun and Jin Han Park,** Intuitionistic fuzzy alpha continuity and intuitionistic fuzzy pre continuity, *International Journal of Mathematics and Mathematical Sciences*, 19, 2005, 3091-3101.
 54. **Jun, Y.B., Kang, J.O. and Song, S. Z.,** Intuitionistic fuzzy irresolute and continuous mapping, *Far East Jour. Math.Sci.*, 2, 2005, 201-216.
 55. **Kanimozhi, R., and Jayanthi, D.,** On intuitionistic fuzzy generalized γ closed sets, *International Journal of Scientific Engineering and Applied Sciences*, 2, 2016, 1-5.
 56. **Keskin, A. and Noiri, T.,** Almost b-continuous functions, *Chaos, Solitons & Fractals*, 41, 2009, 72-81.
 57. **Krsteska, B. and Ekici, E.,** Intuitionistic fuzzy contra strong pre continuity, *Faculty of Sciences and Mathematics, University of Nis, Siberia*, 21, 2007, 273-284.
 58. **Krsteska, B. and Salah Abbas.,** Intuitionistic fuzzy strongly irresolute pre continuous mappings in Coker's space, *Kragujevac Journal of Mathematics*, 30, 2007, 243-252.
 59. **Levine, N.,** Generalized closed sets in topology, *Rend Circ. Mat. Palermo*, 19, 1970, 89-96.
 60. **Levine, N.,** Semi-open sets and semi-continuity in topological spaces, *American Mathematical Monthly*, 70, 1963, 36-41.
-

61. **Lowen, R.**, Fuzzy neighbourhood spaces, *Fuzzy Sets and Systems*, 7, 1982, 165-189.
62. **Maghrabi, A.I. EL.**, More on γ -generalized closed sets in topology, *Journal of Taibah University for Sciences*, 7, 2013, 114-119.
63. **Maki, H., Devi, R. and Balachandran, K.**, Generalized alpha closed sets in topology, *Bull. Fukuoka Univ.ed.part III*, 1993, 13-21.
64. **Maki. H., Devi, R. and Balachandran, K.**, Associated topologies of generalized α closed sets and α – generalized closed sets, *Memoirs of the Faculty of Science, Kochi University Series A:Mathematics*, 17, 1994, 51-63.
65. **Maki, H., Fukutake, T., Kojima, M. and Harada, H.**, Generalized closed sets in fuzzy topological spaces, *Proceedings of the Meetings on Topological Spaces, Theory and its Applications*, 1998, 23-36.
66. **Maki, H., Sundaram, P., and Balachandran, K.**, On generalized homeomorphisms in topological spaces, *Bull. Fukuoka Univ. Ed.Part III*, 40, 1991, 13-21.
67. **Malghan, S.R.**, Generalized closed maps, *J. Karnataka Univ. Sci.*, 27, 1982, 82-88.
68. **Mashhour, A.S., Abd EI-Monsef, M.E. and El-Deeb, S.N.**, On pre continuous mappings and weak pre continuous mappings, *Proceedings of the Mathematical and Physical Society of Egypt*, 53, 1982, 47-53.
69. **Mashhour, A.S., Hasanein, I.A. and El-Deeb, S.N.**, α continuous and α open mappings, *Acta Math. Hungar.*, 41, 1983, 213-218.
70. **Mukherjee, M.N. and Sinha, S.P.**, Irresolute and almost open functions between fuzzy topological spaces, *Fuzzy Sets and Systems*, 29, 1989, 381-388.
71. **Munir Abdul-Khalik, Al-Khafaji Jaafer Jabbar Cassem**, On fuzzy generalized b-closed set in fuzzy topological spaces on fuzzy sets, *Journal of Mathematics*, 10, 2014, 67-72.
72. **Nandha, S.**, On fuzzy topological spaces, *Fuzzy Sets and Systems*, 19, 1986, 193-197.
73. **Narmada Devi, R., Roja, E., and Uma, M.K.**, Intuitionistic fuzzy γ basically disconnected spaces, *Annals of Fuzzy Mathematics and Informatics*, 5, 2013, 549-558.
74. **Narmatha, A., Nagaveni, N., and Noiri, T.**, On regular b-open sets in topological spaces, *Int. Journal of Math. Analysis*, 7, 2013, 937-948.
75. **Nasef, A.A.**, Some properties of contra gamma continuous functions, *Chaos Solitons & Fractals*, 24, 2005, 471-477.

-
76. **Noiri, T.**, A Generalization of closed mappings, *Atti. Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.*, 54, 1973, 412-415.
 77. **Noiri, T.**, On α continuous functions, *Casopis. Pest. Mat.*, 109, 1984, 118-126.
 78. **Ozcag, S. and Coker, D.**, On connectedness in intuitionistic fuzzy topological spaces, *International Journal of Mathematics and Mathematical sciences*, 21, 1998, 33-40.
 79. **Palaniappan, N. and Rao, K. C.**, Regular generalized closed sets, *Kyungpook Math. J.*, 33, 1993, 211-219.
 80. **Park, J. H., Park, Y. B. and Park, J. S.**, Fuzzy weakly open mappings and fuzzy RS-compact sets, *Far East J. Math. Sci. Special vol.*, part II, 1997, 201-212.
 81. **Paul E. Long and Earl E. McGehee, Jr.**, Properties of almost continuous functions, *Proc. Amer. Math. Soc.*, 24, 1970, 175-180.
 82. **Prasad, R., Thakur, S.S., and Saraf, R.K.**, Fuzzy α -irresolute mappings, *The Journal of Fuzzy Mathematics*, 2, 1994, 335-339.
 83. **Rajarajeswari, P., and Senthil Kumar, L.**, Generalized pre-closed sets in intuitionistic fuzzy topological spaces, *International Journal of Fuzzy Mathematics and Systems*, 1, 2011, 253-262.
 84. **Raja Sethupathy, K.S. and Lakshmivarahan, S.**, Connectedness in fuzzy topology, *Kybernetika*, 13, 1977, 190-193.
 85. **Reilly, I. L. and Vamanamurthy, M. K.**, On α continuity in topological spaces, *Acta Math.Hungar*, 45, 1985, 27-32.
 86. **Roja, E., Uma, K. and Dhavaseelan, R.**, Generalized intuitionistic fuzzy contra continuity, *Notes on Intuitionistic Fuzzy Sets*, 18, 2012, 5-18.
 87. **Sakthivel, K.**, Intuitionistic fuzzy α generalized continuous mappings and intuitionistic fuzzy α generalized irresolute mappings, *App. Math. Sci.*, 37, 2010, 1831-1842.
 88. **Sakthivel, K.**, On generalized semi homeomorphism in intuitionistic fuzzy topological spaces, *International Journal of Computer Applications*, 39, 2012, 24-28.
 89. **Santhi, R. and Arun Prakash, K.**, On intuitionistic fuzzy semi-generalized closed sets and its applications, *Int. J. Contemp. Math. Sciences*, 5, 2010, 1677-1688.
 90. **Santhi, R. and Arun Prakash, K.**, Intuitionistic fuzzy semi-generalized irresolute mappings, *Tamkang Journal of Mathematics*, 12, 2011a, 119-134.

-
91. **Santhi, R. and Arun Prakash, K.,** Intuitionistic fuzzy contra semi generalized continuous mapping, Notes on Intuitionistic Fuzzy Sets, 3, 2011b, 30-40.
 92. **Santhi, R. and Jayanthi, D.,** Intuitionistic fuzzy generalized semi-pre closed sets, Tri. Math. Soc., 2009, 61-72.
 93. **Santhi, R. and Jayanthi, D.,** Intuitionistic fuzzy generalized semi-pre continuous mappings, International Journal of Contemp. Math. Sciences, 5, 2010, 1455-1469.
 94. **Santhi, R. and Jayanthi, D.,** Intuitionistic fuzzy generalized semi-pre closed mappings, Notes on Intuitionistic Fuzzy Sets, 16, 2010, 28-39.
 95. **Santhi, R. and Jayanthi, D.,** Generalized semi-pre connectedness in intuitionistic fuzzy topological spaces, Annals of Fuzzy Mathematics and Informatics, 3, 2012, 243-253.
 96. **Santhi, R. and Sakthivel, K.,** Alpha generalized closed mappings in intuitionistic fuzzy topological spaces, Far East Journal of Mathematical Sciences, 43, 2010, 265-275.
 97. **Santhi, R. and Sakthivel, K.,** Intuitionistic fuzzy alpha generalized connectedness in fuzzy topological spaces, Int. Jour of Appl. Math. and Physics, 3, 2011a, 24-28.
 98. **Santhi, R. and Sakthivel, K.,** Intuitionistic fuzzy generalized semi continuous mappings, Advances in Theoretical and Applied Mathematics, 5, 2009a, 73-82.
 99. **Santhi, R. and Sakthivel, K.,** Intuitionistic fuzzy contra alpha generalized continuous mappings, Journal of Tripura Math. Soci., 11, 2009b, 73-82.
 100. **Santhi, R. and Sakthivel, K.,** Alpha generalized closed mappings in intuitionistic fuzzy topological spaces, Far East Journal of Mathematical Sciences, 43, 2010, 265-275.
 101. **Santhi, R. and Sakthivel, K.,** Alpha generalized homeomorphism in intuitionistic fuzzy topological spaces, Notes on Intuitionistic Fuzzy Sets, 17, 2011b, 30-36.
 102. **Saraf, R. K., Govindappa Navalagi and Meena Khanna.,** On fuzzy semipre generalized closed sets, Bull. Malays. Sci. Soc., 28, 2005, 19-30.
 103. **Sen, A.K. and Bhattacharya, P.,** On pre-closed mappings, Bull. Cal. Math. Soc., 85, 1983, 409-412,
 104. **Seok Jong Lee and Eun Pyo Lee.,** The category of intuitionistic fuzzy topological spaces, Bull. Korean Math. Soc., 37, 2000, 63-76.
 105. **Shrivastava, M. and Jyoti Gupta.,** Intuitionistic fuzzy almost continuity and weakly continuity, International Journal of Science and Research, 5, 2016, 900-903.
-

-
106. **Singal, M. K. and Niti Rajvanshi,** Fuzzy α sets and α continuous maps, Fuzzy Sets and Systems, 48, 1992, 383-390.
 107. **Singal, M. K. and Singal, A. R.,** Almost continuous mappings, Yokohama Math., 3, 1968, 63-73.
 108. **Singal, M. K. and Niti Prakash.,** Fuzzy preopen sets and fuzzy pre separation axioms, Fuzzy Sets and Systems, 44, 1991, 273–281.
 109. **Thakur, S. S. and Dhavaseelan, R.,** Nowhere dense sets in intuitionistic fuzzy topological spaces, Proceedings of National Seminar on Recent Developments in Topology, 2015, 11-12.
 110. **Thakur, S. S. and Malviya, R.,** Generalized closed sets in fuzzy topology, Math. Note, 18, 1995, 137-140.
 111. **Thakur, S. S. and Rekha Chaturvedi.,** Regular generalized closed sets in intuitionistic fuzzy topological spaces, Universitatea Din Bacau, Studii Si Cercetari Stiintifice, Seria: Mathematica, 16, 2006, 257-272.
 112. **Thakur, S. S. and Rekha Chaturvedi.,** Generalized closed sets in intuitionistic fuzzy topology, The Journal of Fuzzy Mathematics, 16, 2008, 559-572.
 113. **Thakur, S. S. and Rekha Chaturvedi.,** Generalized continuity in intuitionistic fuzzy topological spaces, Notes on Intuitionistic Fuzzy Sets, 12, 2006, 38-44.
 114. **Thakur, S. S. and Singh, S.,** On fuzzy semipre open sets and fuzzy semipre continuity, Fuzzy Sets and Systems, 67, 1998, 383-391.
 115. **Thakur., Samajh Singh and Paik, P.,** Almost alpha-continuous mappings, Journal of Scientific Research, 9, 1987, 37-40.
 116. **Thirumalaiswamy, M. and Ramesh, K.,** Semipre generalized closed sets in intuitionistic fuzzy topological spaces, International Journal of Mathematical Archive, 4, 2013, 1-5.
 117. **Turnali, N. and Coker, D.,** Fuzzy connectedness in intuitionistic fuzzy topological spaces, Fuzzy Sets and Systems, 2000, 369-375.
 118. **Warren, R.H.,** Neighbourhoods, bases and continuity in fuzzy topological spaces, Rocky Mountain Journal of Mathematics, 8, 1978, 459-470.
 119. **Young Bae Jun and Seok-Zun Song.,** Intuitionistic fuzzy semi-pre open sets and intuitionistic fuzzy semi-pre continuous mappings, Jour. of Appl. Math and Computing, 19, 2005, 467-474.

120. **Young Chan Kim. and Abbas, S. E.**, Connectedness in intuitionistic fuzzy topological space, Commun. Korean Math. Sci., 20, 2005, 117-134.
121. **Zadeh, L.A.**, Fuzzy Sets, Information and Control, 8, 1965, 338-353.
122. **Zhao, X, D.**, Connectedness on fuzzy topological spaces, Fuzzy Sets and Systems, 20, 1986, 223-240.