BIBLIOGRAPHY

[1] A. Weil, "Sur les espaces à uniforme et sur la topolgie générale", Paris Hermann, (1937) 39pp.

[2] N. Bourbaki," Toplogie Générale", Chaps 1-2, Act. Sci. Ind. 858(1940); 3rd ed., Act. Sc. Ind. No.1142, Paris, (1960).

[3] J. W. Tukey," Convergence and uniform continuty in topology", Princeton University Press, NJ. (1940), **MR** 2–67.

[4] K. Morita, "On the simple extenstion of a space with respect to a uniformity", (I-IV),Proc. Japan Acad. **27** (1951) 65–72,130–137,166–171,632–636.

[5] J. R. Isbell, "On finite-dimensional uniform spaces", Pacific J. Math. **9** (1959), 107–121.

[6] J.Isbell, "Uniform Spaces", American Mathematical Society, Providence, 1964.

[7] L. Nachbin, "Topology and order", Van Nostrand, Preceton, New Jwesey (1965).

[8] L. A. Zadeh, " Fuzzy sets", Information and Control,**8**(1965), 338–358.

[9] E. Čech, " Topological spaces", Publ. House Czech. Acad. Sci., Prague, (1959); English Tranl., Interscience, New York (1966).

[10] G. Birkhoff, "Lattice Theory", Amer. Math. Soc. Coll. Publ.**35**(1967).

[11] J. A Goguen,"L-fuzzy sets",Journal of Mathematical Analysis and Applications, **18**(1967),145–174.

[12] C. L. Chang, "Fuzzy topological spaces", Journal of Mathematical Analysis and Applications,**24**(1968), 182–190.

[13] C. Barnhill and P. Fletcher, "Topological spaces with a unique compatible quasi-uniform structure", Arch. Math. **21** (1970), 206–209.

[14] P. Fletcher, " On completeness of quasi-uniform spaces", Arch. Math., **22**(1971), 200–204.

[15] Á. Császár, "Topic in topology ", Proc. Colloq., Keszthely (1972), 165–172.

[16] J. William, "Locally Uniform spaces", Tran, Amer. Math. Soc **168** (1972), 435–469.

[17] J. William, "Nested sequences of local uniform spaces", Tran, Amer. Math. Soc **168** (1972), 471–481.

[18] T. E. Gantner and R. C. Steinlage, Characterizations of quasi-uniformities, J. London Math. Soc. (2) 5 (1972), 48–52

[19] A.K. Steiner and E.F. Steiner, "On semi-uniformities", J. Fund. Math. **83**(1973), 47–58.

[20] J.L.Frith, "Structured Frames", Doctoral Dissertation, University of Cape Town, 1987.

[21] D. F. Wooten, "On extension of continuous functions", J. Fund. Math. **83**(1973), 59–65.

[22] W. F. Lindgren and P. Fletcher, " Locally quasi-uniform spaces with countable bases", Duke Math. J.**03** (1974), 231–240.

[23] H. W. Pu and H. H. Pu,"semi-quasi-uniform spaces", Portugal. Math. **33**(1974), 177–184.

[24] H. W. Pu and H. H. Pu,"Two extension theorems for functions", Portugal. Math. **34**(1975), 9–14.

[25] R. Lowen,"Fuzzy topological spaces and fuzzy compactness",Journal of Mathematical Analysis and Applications, **56**(1976),621–633.

[26] B. Hutton, "Uniformities on fuzzy topological spaces", J. Math. Anal. Appl. **58 (3)** (1977) 559 – 571.

[27] R. A. Herrmann,"The nonstandard theory of semi-uniform spaces", Mathematical Logic Quarterly **24** (1978) 237–256.

[28] Heikki J. K. Junnila, " Covering properties and quasi-uniformities of topological spaces",Ph.D Thesis, Virginia Polytechnic Int. and State Uni. (1978).

[29] U. Höhle, "Probabilistic uniformization of fuzzy topologies", Fuzy sets and System **1** (1978), 311–332.

[30] R. Vasudevan and C. K. Goel," Covering characterisation of locally unifrom spaces", Kyungpook Math. J.**18**(1978),85–89.

[31] T. L. Hicks and S. M. Huffman, "A note on locally quasi-uniform spaces", Canad. Math. Bull.**19**(1979),501–504.

[32] M. A. Erceg,"Metric spaces in fuzzy set theory",Journal of Mathematical Analysis and Applications, **69**,(1979),205-230.

[33] G. Gierz et al., " A Compendium of continuous Lattices", Springer-Verlag, Berlin (1980).

[34] B. Hutton and I. Reilly, " Separation axioms in fuzzy topological spaces", Fuzzy sets and System **3**(1980),93–104.

[35] B. Hutton, " Product of fuzzy topological spaces", Topology and its application **11**(1980), 59–67.

[36] P. M. Pu and Y. M. Liu, "Fuzzy topology I: Neighbourhood structure of a fuzzy point and Moore-Smith convergence ", Journal of Mathematical Analysis and Application **76**(1980),571–599.

[37] P. M. Pu and Y. M. Liu, "Fuzzy topology II: Product of quotient spaces", Journal of Mathematical Analysis and Application **77**(1980),22–37

[38] R. Lowen, " Fuzzy uniform spaces", J.Math. Anal. Appl. **82**(1981), 370–385.

84

[39] A. K. Katsaras, " On fuzzy uniform spaces",J.Math. Anal. Appl.**101**(1984),97–113.

[40] H.Cheng-Ming, " Fuzzy topological spaces", J. Math. Anal. Appl. **110**(1985),141–178.

[41] Liu Wang-jin, "Fuzzy proximity spaces redefined", Fuzzy Sets and Systems,**15**(1985),241–248.

[42] M.H. Ghanim, "$L-$ Fuzzy basic proximity spaces ", Fuzzy sets and systems **27**(1988), 197–203.

[43] K. Morota,"Chapter 1: Extensions of mappings i", in: K. Morita, J.Nagata (Eds.), Topics in General Topology, Vol. 41 of North-Holland Mathematical Library, Elsevier, (1989),1 – 39.

[44] E. Papatriantafillou, " On a form of Ascol's theorem in locally uniform spaces", Portugal Math. **49**(1989),385–390.

[45] A. K. Katsaras, " Fuzzy neighbourhood structure and fuzzy quasi-uniformities", Fuzzy Sets and System **29**(1989), 187–199.

[46] A. P. Šhostak, " Two decades of fuzzy topology: Basic idea, notions, and results",Russian Math. Surveys **44**(1989), 125–186.

[47] E. Soetens, P. Wuyts,"A characterization of fuzzy uniform-spaces by coverings", Journal of Mathematical Analysis and Applications **180** (1993,) 275 – 302.

[48] L. Ying-Ming and L. Mao-Kang, "Fuzzy Topology ", Word Scientific, (1998).

[49] F. G. Shi, " Pointwise uniformities and pointwise metrics on fuzzy lattices", Chinese Sci. Bull. **26**(1997), 718–720.

[50] G. C. an K.N. Meenakshi, "Fuzzy uniform spaces-covering approach", J. Fuzzy Mathematics **8** (2000), 99–108.

[51] F. G. Shi," Pointwise metrics in fuzzy set theory", Fuzzy Sets and Systems **121**(2001),209–216.

[52] J. N. Mordenson and P. S. Nair,"Fuzzy Mathematics", Physica–Verlag HD(2001).

[53] D. Zhang, "Stratified Hutton uniform spaces", Fuzzy Sets and Systems **131**(2002), 337—346.

[54] S. E. Rodabaugh and E. P. Klement, " Topological and Algebraic structures in fuzzy sets: A handbook of recent developments in the mathematics of fuzzy sets", Trends in Logic, Kluwer Academic Publishers(2003).

[55] G. Chandrika, "More about fuzzy uniform spaces-covering approach", J. Fuzzy Mathematics **12** (2004), 645–650.

[56] F. G. Shi and C. Y. Zheng," Metrization theorems in $L-$topological spaces", Fuzzy Sets and System **149**(2005), 455-471.

[57] K. A. Hashem and N. N. Morsi, " Fuzzy $TL-$ uniform spaces", International Journal of mathematics and mathematical sciences (2006), 1–24.

[58] B. Bat$\acute{\imath}$kov$\acute{a}$ "Completion of Semi-uniform Spaces", Appl. Categor. Struct **15**(2007), 483-–491.

[59] J. G. Garcia, I.M.Perez, J. Picado, M.A.P. Vicente, "Uniform-type structures on lattice-valued spaces and frames", Fuzzy Sets and Systems **159** (2008), 2469 – 2487.

[60] Y. C. KIM and J. Mi. KO, " Covering $(L, \odot)-$uniformities and Hutton $(L, \otimes)-$uniformities", **16**(2008), 173–189.

[61] H.A. K$\ddot{u}$nzi,"Chappter:An introduction to quasi-uniform spaces " in: Beyond Topology,Contemporary Mathematics, **486**(2009).

[62] D. Hazarika and D.K. Mitra, " Fuzzy locally quasi-uniform spaces", 96th session of the Indian Science Congress, NEHU, (2009).

[63] D. Hazarika and D. K. Mitra, "L-locally quasi-uniform spaces", J. Indian Acad. Math. **31**(2009),317–328.

[64] D. Hazarika and D. K. Mitra, " Some generalised classes of fuzzy uniform spaces", International Conference on Rough Sets, Fuzzy Sets and Soft computing, Agartala, India (5-9 Nov 2009).

[65] W. Shi, K. Liu and C. Huang," A fuzzy-topology-based area object extraction Method ", IEEE Tran. Geoscience and Remote Sensing **48**(2010),147–154.

[66] G. Garc$\grave{i}$a et al.,"Fuzzy Galois connections categorically",Mathematical Logic Quarterly **56** (2010), 131 –147.

[67] D. Mitra and D. Hazarika, "L-locally uniform spaces", Journal of Fuzzy Mathematics **18**(2) (2010), 505 – 516.

[68] D. Hazarika and D. K. Mitra, "Fuzzy locally uniform spaces", J. Fuzzy Math.**18**(1)(2010),31–38.

[69] D. Hazarika and D. K. Mitra,"Startified $L-$Locally Uniform Spaces", Int. Journal of Math. Analysis, **4**, (2010),2565 − 2571.

[70] D. Hazarika and D. K. Mitra, "L- locally uniform spaces", J. Fuzzy Math.**18**(2)(2010),505–516.

[71] D. Hazarika and D. K. Mitra, "On L-semi-pseudo metrization", Int. Math. Forum**5**(23)(2010),1141–1148.

[72] D. Hazarika and D. K. Mitra, "On some uniform type structures in fuzzy topological spaces", Int. J. Contemp. Math. Sci.**5**(39)(2010),1913–1921.

[73] D. Hazarika and D. K. Mitra," On some generalised $L-$valued uniform structues", 31st Liz Seminar of Fuzzy set Theory: Lattice Valued Logic and its Application (9-13 Feb, 2010), 87–90.

[74] S.E. Abbas, "Stratified (L,M)-fuzzy quasi-uniform spaces", Computers and Mathematics with Applications **59** (2010),3014–3026.

[75] J. G. Garcia et al., " On the uniformization of lattice-valued framess", Fuzzy Sets and Systems **166**(1)(2011),90-100.

[76] A.Ghareeb,"Hutton L-double uniform spaces", Neural Computing and Applications **21** (2011)181–189.

[77] M. Yaghoubi, " Covering fuzzy uniform spaces", The Journal of Mathematics and computer science **2**(2011),407–412.

[78] K. A. Hashem, " Characterisation of TL-uniform spaces by coverings", Journal of The Egyptian Mathematical Society **12**(2012),98–107.

[79] E.S.Kim, et al, "The relationship between L-fuzzy proximities and $L-$fuzzy quasi-uniformities", Iranian Journal of Fuzzy Systems **9**(6)(2012), 101-111.

[80] P. K. Saha," Fuzzy digital topology and geometry and their applications to medical imaging", Pattern Recognition and Machine Intelligence (2013), 13–29.

[81] S. Tiwari, "α^*-Uniformities and their order structure", Afr. Mat. **24**(2013), 417--426.

[82] S.E. Abbas and A.A. Abd-Allah, " Double L-fuzzy C-uniform spaces-covering Approach" **21**(2013), 937–950.

[83] H.Fashandi "Nearness of Covering Uniformities: Theory and Application in Image Analysis", Math.Comput.Sci. **7**(2013)43–50.

[84] J.F. Peters, "Component Analysis and Uniform Spaces", In: Topology of Digital Images. Intelligent Systems Reference Library, Springer, Berlin, Heidelberg **63**(2014).

[85] M. El-Dardery and J. Zhang,"On L-fuzzy proximity spaces", Int. J. Hybrid Intell. Syst. **11(2)** (2014), 137—144.

[86] H.C. Chamuah and B. C. Chetia," Application of fuzzy topological realtion in flood predication", International Journal of Comp. Appl.**122(7)**(2015), 8–13.

[87] A.A. Ramadan, E.H. Elkordy, Y. C. Kim "Topological properties of $L-$ fuzzy uniform spaces", International Journal of pure and Applied Mathematics **100** (2015),347–360.

[88] D. Hazarika, D. Mitra, "L-locally uniform spaces(II)", Annals of Fuzzy Mathematics and Informatics **10** (5) (2015), 715 – 726.

[89] M. Yanghoubi, " On relationship several Categories in fuzzy uniformities", Int. Journal of Pure and Applied Mathematics **107**(2016),927–937.

[90] R. Coghetto, " Uniform space", Formalise Mathematics, **24** (2016), 215–226.

[91] O. Ege and I. Karca "Digital Uniform Spaces", CBU J. of Sci., **12**(2016) 129–134.

[92] R.Coghetto,"Quasi-uniform Space" Formalized Mathematics, **24**(2017), 205–214.

[93] J. G. Garcia,"On fuzzy uniformities induced by a fuzzy metric space",Fuzzy Sets and Systems, **330**(2018),52–78.

[94] T. Pedraza and J. R. Lopez "Aggreation of $L-$probabilistic Quasi-uniformities", Mathematcs **8** 2020, 1980.

[95] A.Gupta, A. Hamarsheh, R. Sarma, and R.George, "A study of uniformities on the space of uniformly continuous mappings", Open Mathematics, **18**(2020), 1478-1490

[96] A. Grabowski and R.Coghetto,"Extending Formal Topology in Mizar by Uniform Spaces", In: AI Aspects in Reasoning, Languages, and Computation. Studies in Computational Intelligence, **889**. Springer, Cham (2020).