

REFERENCES

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- [1] J. Adamek, H. Herrlich and G. Strecker ; Abstract and Concrete Categories (Wiley, New York 1990).
- [2] T. M. G. Ahsanullah ; Some results on fuzzy neighbourhood spaces, Pure Math. Manuscript 4 (1985) 97-106.
- [3] T. M. G. Ahsanullah ; Some properties of the level spaces of fuzzy neighbourhood spaces and fuzzy neighbourhood groups, J. Bangladesh Acad. Sci. 13 (1989) 91-95.
- [4] T. M. G. Ahsanullah and N. N. Morsi ; Invariant probabilistic metrization of fuzzy neighbourhood groups, Fuzzy Sets and Systems 47 (1992) 233-245.
- [5] M. A. Amer and N. N. Morsi ; Characterizations of some fuzzy topological notions in probabilistic metric spaces, Fuzzy Sets and Systems 51 (1992) 351-359.
- [6] M. A. Amer and N. N. Morsi ; Bounded linear transformations between probabilistic normed vector spaces, Fuzzy Sets and Systems 73 (1995) 167-183.
- [7] G. Artico and R. Moresco ; Fuzzy proximities compatible with Lowen fuzzy uniformities, Fuzzy Sets and Systems 21 (1987) 85-98.
- [8] G. Artico and R. Moresco ; Fuzzy uniformities induced by fuzzy proximities, Fuzzy Sets and Systems 31 (1989) 111-121.
- [9] D. M. Ali, P. Wuyts and A. K. Srivastava ; On the R_0 -property in fuzzy topology, Fuzzy Sets and Systems 38 (1990) 97-113.
- [10] R. Badard, A. S. Mashhour and A. A. Ramadan ; Fuzzy smooth preproximity spaces, Fuzzy Sets and Systems 30 (1989) 315-320.

- [11] A. Csaszar ; General Topology (Akademiai Kiado, Budapest, Hungary, 1978).
- [12] C. L. Chang ; Fuzzy topological spaces, J. Math. Anal. Appl. 24 (1968) 182-190.
- [13] A. B. El-Rayes and N. N. Morsi ; Generalized possibility measures, Information Sciences 79 (1994) 201-222.
- [14] I. Etman and N. N. Morsi; Interpreting a fuzzy proximity as a measure of proximity, J. Fuzzy Math. 1 (1993) 785-800.
- [15] A. M. El-Abyad and H. M. El-Hamouly ; Fuzzy inner product spaces, Fuzzy Sets and Systems 44 (1991) 309-326.
- [16] M. J. Frank ; Probabilistic topological spaces, J. Math. Anal. Appl. 34 (1971) 67-81.
- [17] M. H. Ghanim ; L-Fuzzy basic proximity spaces, Fuzzy Sets and Systems 27 (1988) 197-203.
- [18] M. H. Ghanim , E. E. Kerre and A. S. Mashhour ; Separation axioms, subspaces and sums in fuzzy topology, J. Math. Anal. Appl. 102 (1984) 189-202.
- [19] H. Herrlich and R. Lowen ; On simultaneously reflective and coreflective subconstructs, to appear in Comment. Math. Univ. Carolinae.
- [20] U. Höhle ; Probabilistic uniformization of fuzzy topologies, Fuzzy Sets and Systems 1 (1978) 311-332.
- [21] U. Höhle ; Probabilistic metrization of fuzzy uniformities, Fuzzy Sets and Systems 8 (1982) 63-69.
- [22] U. Höhle ; Probabilistic topologies induced by L-fuzzy uniformities, Manuscripta Mathematica 38 (1982) 289-323.

- [23] B. Hutton ; Normality in fuzzy topological spaces, J. Math. Anal. Appl. 50 (1975) 74-79.
- [24] A. Kandil and M. A. Abd-Allah ; Fuzzy proximity spaces, Bull. Fac. Sci. Assiut Univ. 14 (1985) 107-120.
- [25] A. Kandil and A. M. El-Etriby ; On separation axioms in fuzzy topological spaces, Tamkanq J. Math. 18 (1987) 49-59.
- [26] A. Kandil and M. El-Shafee ; Regularity axioms, in fuzzy topological spaces and FR_1 -proximities, Fuzzy Sets and Systems 27 (1988) 217-231.
- [27] A. Kandil, K. A. Hashem and N. N. Morsi ; A level-topologies criterion for Lowen fuzzy uniformizability, Fuzzy Sets and Systems 62 (1994) 211-226.
- [28] A. Kandil, E. H. Sedahmed and N. N. Morsi ; Fuzzy proximities induced by functional fuzzy separation, Fuzzy Sets and Systems 63 (1994) 227-235.
- [29] A. Kandil, E. H. Sedahmed and N. N. Morsi ; A fuzzy R_1 separation axiom, Information Sciences 79 (1994) 293-313.
- [30] A. K. Katsaras ; Linear fuzzy neighbourhood spaces, Fuzzy Sets and Systems 16 (1985) 25-40.
- [31] A. K. Katsaras ; Linear fuzzy neighbourhood spaces II, J. Math. Anal. Appl. 115 (1986) 560-573.
- [32] A. K. Katsaras ; Fuzzy neighbourhood structures and fuzzy quasi-uniformities, Fuzzy Sets and Systems 29 (1989) 187-199.
- [33] J. L. Kelley ; General Topology, (Springer-Verlag, New York, Heidelberg, Berlin, 1961).
- [34] E. Lowen, R. Lowen and P. Wuyts ; The categorical topology approach to fuzzy topology and fuzzy convergence, Fuzzy Sets

- and Systems 40 (1991) 347-373.
- [35] R. Lowen ; Fuzzy topological spaces and fuzzy compactness, J. Math. Anal. Appl. 56 (1976) 621-633.
 - [36] R. Lowen ; Initial and final fuzzy topologies and the fuzzy Tychonoff theorem, J. Math. Anal. Appl. 58 (1977) 11-21.
 - [37] R. Lowen ; A comparison of different compactness notions in fuzzy topological spaces, J. Math. Anal. Appl. 64 (1978) 446 -454 .
 - [38] R. Lowen ; Compact Hausdorff fuzzy topological spaces are topological, Topology Appl. 12 (1981) 65-74.
 - [39] R. Lowen ; Fuzzy uniform spaces, J. Math. Appl. 82 (1981) 370-385.
 - [40] R. Lowen ; Fuzzy neighborhood spaces, Fuzzy Sets and Systems 7 (1982) 165-189.
 - [41] R. Lowen ; Compactness notions in fuzzy neighbourhood spaces, Manuscripta Mathematica 38 (1982) 265-287.
 - [42] R. Lowen ; On $(R(L), \otimes)$, Fuzzy Sets and Systems 10 (1983) 203-209.
 - [43] R. Lowen ; On the Existence of Natural Non-topological Fuzzy Topological Spaces (Heldermann-Verlag, Berlin, 1985).
 - [44] R. Lowen and A. K. Srivastava ; FTS_0 : The epireflective hull of the Sierpinski object in FTS, Fuzzy Sets and Systems 29 (1989) 171-176.
 - [45] R. Lowen and P. Wuyts ; Stable subconstructs of FTS : I, J. Fuzzy Math. 1 (1993) 475-489.
 - [46] R. Lowen, P. Wuyts and E. Lowen ; On the reflectiveness and coreflectiveness of subcategories of FTS, Math. Nachr. 141

- (1989) 55-65.
- [47] S. MacLane ; Categories for the Working Mathematician (Springer-Verlag, New York, Heidelberg, Berlin, 1971).
 - [48] A. S. Mashhour, M. H. Ghanim, A. N. El-Wakeil and N. N. Morsi; On Product fuzzy topological spaces, Fuzzy Sets and Systems 30 (1989) 175-191.
 - [49] A. S. Mashhour, M. H. Ghanim, A. N. El-Wakeil and N. N. Morsi; Semi-induced fuzzy topologies, Fuzzy Sets and Systems 31 (1989) 351-368.
 - [50] A. S. Mashhour, M. H. Ghanim, A. N. El-Wakeil and N. N. Morsi; The productivity classes of fuzzy topologies, Fuzzy Sets and Systems 53 (1993) 193-201.
 - [51] A. S. Mashhour and N. N. Morsi ; On regularity axioms in fuzzy neighbourhood spaces, Fuzzy Sets and Systems 44 (1991) 265-271
 - [52] A. S. Mashhour and N. N. Morsi ; Fuzzy metric neighbourhood spaces, Fuzzy Sets and Systems 45 (1992) 367-388.
 - [53] N. N. Morsi ; A short note on fuzzy neighbourhood spaces, Fuzzy Sets and Systems 23 (1987) 393-397.
 - [54] N. N. Morsi ; Nearness concepts in fuzzy neighbourhood spaces and in their fuzzy proximity spaces, Fuzzy Sets and Systems 31 (1989) 83-109.
 - [55] N. N. Morsi; The Urysohn Lemma for fuzzy neighbourhood spaces, Fuzzy Sets and Systems 39 (1991) 347-360.
 - [56] N. N. Morsi; Dual fuzzy neighbourhood spaces I, Fuzzy Sets and Systems 44 (1991) 245-263.
 - [57] N. N. Morsi; Hyperspace fuzzy binary relations, Fuzzy Sets and

Systems 67 (1994) 221-237.

- [58] N. N. Morsi ; Properties and characterizations of the residuation implications of triangular norms, *Internat. J. Approximate Reasoning*.
- [59] N. N. Morsi ; Fuzzy T-Locality spaces, *Fuzzy Sets and Systems* 69 (1995) 193-219.
- [60] N. N. Morsi ; Dual fuzzy neighbourhood spaces 11, *J. Fuzzy Mathematics* 3 (1995) 29-67.
- [61] N. N. Morsi ; On two types of stable subconstructs of FTS, *Fuzzy Sets and Systems* 76 (1995) 191-203.
- [62] N. N. Morsi and S. E. Yehia ; Continuity of fuzzy multiplication in the N-Euclidean space, *Fuzzy Sets and Systems* 46 (1992) 97-106.
- [63] S. A. Naimpally and B. D. Warrack; *Proximity Spaces* (Cambridge University Press, London, New York 1970).
- [64] B. Schweizer and A. Sklar ; *Probabilistic Metric Spaces* (North-Holland, Amsterdam, 1983).
- [65] A. K. Srivastava ; R_1 Fuzzy topological spaces, *J. Math. Anal. Appl.* 127 (1987) 151-154.
- [66] C. K. Wong ; Fuzzy topology : Product and quotient theorems, *J. Math. Anal. Appl.* 45 (1974) 512-521.
- [67] P. Wuyts and R. Lowen ; On separation axioms in fuzzy topological spaces, fuzzy neighbourhood spaces and fuzzy uniform spaces, *J. Math. Anal. Appl.* 93 (1983) 27-41.
- [68] C. T. Yang ; On paracompact spaces, *Proc. Amer. Math. Soc.* 5 (1954) 185-189.

- [69] L. A. Zadeh ; Fuzzy sets, Information and Control 8 (1965) 338-353.
- [70] L. A. Zadeh ; The concept of a linguistic variable and its application to approximate reasoning, Part 1, Information Sciences 8 (1975) 199-249.
- [71] L. A. Zadeh; Fuzzy sets as a basis for a theory of possibility Fuzzy Sets and Systems 1 (1978) 3-28.

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