

Lowen, R.

Initial and final fuzzy topologies and the fuzzy Tychonoff theorem. (English) Zbl 0347.54002
J. Math. Anal. Appl. 58, 11-21 (1977).

For a scan of this review see the [web version](#).

MSC:

- 54A05 Topological spaces and generalizations (closure spaces, etc.)
- 54A10 Several topologies on one set (change of topology, comparison of topologies, lattices of topologies)
- 54B35 Spectra in general topology
- 54D30 Compactness

Cited in **5** Reviews
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References:

- [1] Birkhoff, G, Lattice theory, () · [Zbl 0126.03801](#)
- [2] Brown, J.G, A note on fuzzy sets, *Information and control*, 18, 32-39, (1971) · [Zbl 0217.01403](#)
- [3] Chang, C.L, Fuzzy topological spaces, *J. math. anal. appl.*, 24, 182-190, (1968) · [Zbl 0167.51001](#)
- [4] De Luca, A; Termini, S, Algebraic properties of fuzzy sets, *J. math. anal. appl.*, 40, 373-386, (1972) · [Zbl 0211.31002](#)
- [5] Goguen, J, L -fuzzy sets, *J. math. anal. appl.*, 18, 145-174, (1967) · [Zbl 0145.24404](#)
- [6] Goguen, J, Fuzzy Tychonoff theorem, *J. math. anal. appl.*, 43, 734-742, (1973) · [Zbl 0278.54003](#)
- [7] Kelley, J.L, *General topology*, (1955), Van Nostrand Princeton, N. J · [Zbl 0066.16604](#)
- [8] Lowen, R, Topologies floues, *C. R. acad. sci. Paris*, 278, (1974) · [Zbl 0287.54002](#)
- [9] Lowen, R, Convergence floue, *C. R. acad. sci. Paris*, 280, (1975) · [Zbl 0305.54007](#)
- [10] Lowen, R, Initial and final fuzzy topologies and the fuzzy Tychonoff theorem, *J. math. anal. appl.*, 58, 11-21, (1977) · [Zbl 0347.54002](#)
- [11] Thornton, M.C, Topological spaces and lattices of l.s.c. functions, *Trans. amer. math. soc.*, 181, (1973) · [Zbl 0238.54012](#)
- [12] Warren, R.H, Continuity of mappings of fuzzy topological spaces, *Notices amer. math. soc.*, 21, No. 4, (1974)
- [13] Wong, C.K, Covering properties of fuzzy topological spaces, *J. math. anal. appl.*, 43, 697-704, (1973) · [Zbl 0259.54002](#)
- [14] Wong, C.K, Fuzzy topology, product and quotient theorems, *J. math. anal. appl.*, 45, 512-521, (1974) · [Zbl 0273.54002](#)
- [15] Wong, C.K, Fuzzy points and local properties of fuzzy topology, (), 316-328 · [Zbl 0278.54004](#)
- [16] Zadeh, L.A, Fuzzy sets, *Information and control*, 8, 338-353, (1965) · [Zbl 0139.24606](#)
- [17] Zadeh, L.A, Probability measures on fuzzy events, *J. math. anal. appl.*, 10, (1968) · [Zbl 0174.49002](#)

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