

Bibliography

- [1] E. M. Alfsen and J. E. Fenstad. On the equivalence between proximity structures and totally bounded uniform structures. *Mathematica Scandinavica*, 7:353–360, 1959.
- [2] E. M. Alfsen and Olav Njåstad. Proximity and generalized uniformity. *Fund. Math.*, 52:235–252, 1963.
- [3] Roland Backhouse. *Galois Connections and Fixed Point Calculus*. 2001.
- [4] Grzegorz Bancerek. Prime ideals and filters. *Formalized Mathematics*, 8(2), 1996.
- [5] Garrett Birkhoff. Neutral elements in general lattices. *Bulletin of the American Mathematical Society*, 46(8):702–705, 1940.
- [6] Andreas Blass. Kleene degrees of ultrafilters. In Heinz-Dieter Ebbinghaus, Gert MÄEller, and Gerald Sacks, editors, *Recursion Theory Week*, volume 1141 of *Lecture Notes in Mathematics*, pages 29–48. Springer Berlin / Heidelberg, 1985. 10.1007/BFb0076213.
- [7] Andreas Blass. On the topics of ultrafilters and cardinal characteristics of the continuum, 2010.
- [8] Andreas Blass (mathoverflow.net/users/6794). Direct product of filters. MathOverflow. <http://mathoverflow.net/questions/72638> (version: 2011-08-10).
- [9] Francis Borceux and Maria-Cristina Pedicchio. On primeness and maximality of filters. *Cahiers de Topologie et Géométrie Différentielle Catégoriques*, 30(2):167–181, 1989.
- [10] C. H. Dowker. Mappings of proximity structures. *General Topology and its Relations to Modern Analysis and Algebra*, Proceedings of the symposium held in Prague in September 1961:139–141, 1961.
- [11] V.A. Efremovich. The geometry of proximity i. *Mat. Sb. (N.S.)*, 31(73):189–200, 1952.
- [12] M. Erne, J. Kosłowski, A. Melton, and G. E. Strecker. *A primer on Galois connections*.
- [13] Anatoly Gryn'kov. On the rudin-keisler order on ultrafilters. *Topology and its Applications*, 76(2):151–155, 1997.
- [14] Miroslav Hušek. Generalized proximity and uniform spaces. i. *Commentationes Mathematicae Universitatis Carolinae*, 5(4):247–266, 1964.
- [15] Miroslav Hušek. Generalized proximity and uniform spaces. ii. *Commentationes Mathematicae Universitatis Carolinae*, 6(1):119–139, 1965.
- [16] Ján Jakubík. Center of infinitely distributive lattices. *Matem. fyz. časopis*, 8:116–120, 1957.
- [17] Ján Jakubík. Center of a complete lattice. *Czechoslovak Mathematical Journal*, 23(1):125–138, 1973.
- [18] Peter T. Johnstone. *Stone Spaces*. Cambridge University Press, 1982.
- [19] Hans-Peter A. Kunzi. Quasi-uniform spaces, 2001.
- [20] Hans-Peter A. Kunzi. Quasi-uniform spaces in the year 2001, 2001.
- [21] Mrówka. On complete proximity spaces. *Doklady Akad. Nauk. SSSR*, N.S. 108:587–590, 1956.
- [22] Mrówka. On the notion of completeness in proximity spaces. *Bull. Acad. Polon. Sci.*, III, 4:201–216, 1956.
- [23] Hirokazu Nishimura. An approach to the dimension theory of continuous geometry from the standpoint of boolean valued analysis. *Publications of the Research Institute for Mathematical Sciences*, 20(5):1091–1101, 1984.
- [24] Olav Njåstad. Some properties of proximity and generalized uniformity. *Mathematica Scandinavica*, 12:47–56, 1963.
- [25] William J. Pervin. Quasi-uniformization of topological spaces. *Mathematische Annalen*, 147:316–317, 1962. 10.1007/BF01440953.
- [26] PlanetMath. Criteria for a poset to be a complete lattice. At <http://planetmath.org/encyclopedia/CriteriaForAPosetToBeACompleteLattice.html>.
- [27] Victor Porton. Funcoids and reloids. At <http://www.mathematics21.org/binaries/funcoids-reloids.pdf>.
- [28] Victor Porton. Pointfree funcoids. At <http://www.mathematics21.org/binaries/pointfree.pdf>.