

List of Publications by S. B. Niefield

1. Exponentiability in homotopy slices of **Top** and pseudo-slices of **Cat**, TAC 19, (2007), 4-18
2. Exponentiability in lax slices of **Top**, TAC 16, (2006), 218-235
3. Homotopy pullbacks, lax pullbacks, and exponentiability, Cahiers de Top. et Geom. Diff. Cat. XLVII-1 (2006), 50–79.
4. Locally compact path spaces, Appl. Categ. Structures 13 (2005), 65–69.
5. Change of base for relational variable sets, TAC 12 (2004), 248–261.
6. Implementing finite structures in Mathematica via a skeletal topos of finite sets, J. of Symbolic Computation 35 (2003), 137-151
7. Exponentiability of perfect maps: four approaches, TAC 10 (2002), 127–133.
8. Exponentiable morphisms: posets, spaces, locales, and Grothendieck toposes, TAC 8 (2001), 16–32.
9. (with M. Bunge) Exponentiability and single universes, JPAA 148 (2000), 217–250.
10. Constructing quantales and their modules from monoidal categories, Cahiers de Top. et Geom. Diff. Cat. XXXVII-2 (1996), 163–176.
11. Algebras for chaos, Appl. Cat. Str. 4 (1996), 423–441.
12. (with S. Hao) De Morgan’s laws for noncommutative rings, Cahiers de Top. et Geom. Diff. Cat. XXXVI-2 (1995), 127–140.
13. Weak pullbacks and locally Hausdorff locales, Proc. of Category Theory ‘90, Lecture Notes in Math. 1488, Springer-Verlag (1991).
14. (with B. Banaschewski) Projective and supercoherent frames, JPAA 70 (1991), 45–51.
15. (with K.I. Rosenthal) Sheaves of semiprime ideals, Cahiers de Top. et Geom. Diff. Cat. XXXI-3 (1990), 213–227.
16. (with K.I. Rosenthal) Connections between ideal theory and the theory of locales, Papers on Topology and Related Category Theory, Ann. of the NY Acad. of Sci. 562 (1989), 138–152.
17. (with K.I. Rosenthal) Constructing locales from quantales, Math. Proc. of the Lond. Phil Soc. 104 (1988), 215–234.
18. (with K.I. Rosenthal) Componential nuclei, Proc. of the Category Theory Conference at Louvain-la-Neuve, Belgium, Lecture Notes in Math. 1348, Springer-Verlag (1988), 299–306.
19. (with K.I. Rosenthal) Ideals of closed categories, JPAA 51 (1988), 293–304.
20. (with K.I. Rosenthal) Spatial sublocales and essential primes, Top. and Its Appl. 26 (1987), 263–269.
21. (with K.I. Rosenthal) Sheaves of integral domains on Stone Spaces, JPAA 47 (1987), 173–179.
22. Adjoints to tensor for graded algebras and coalgebras, JPAA 41 (1986), 225–261.
23. (with K.I. Rosenthal) A Note on algebraic de Morgan’s law, Cahiers de Top. et Geom. Diff. XXVI-2 (1985), 115–120.
24. (with K.I. Rosenthal) Strong de Morgan’s law and the spectrum of a commutative ring, J. of Alg. 93 (1985), 169–181.
25. A note on the locally Hausdorff property, Cahiers de Top. et Geom. Diff. XXIV-1(1983), 87–93.

26. Exactness and projectivity, Proc. of the Gummersbach Category Theory Meeting 1981, Lecture Notes in Math. 962, Springer-Verlag (1982), 221–227.
27. Cartesian spaces over  $T$  and locales over  $\Omega(T)$ , Cahiers de Top. et Geom. Diff. XXIII-3 (1982), 257–267.
28. Topologically indexed function spaces and adjoints, Can. Math. Bull. 25 (1982), 169–178.
29. Cartesianness: topological spaces, uniform spaces, and affine schemes, JPAA 23 (1982), 147–167.
30. Cartesian inclusions: locales and toposes, Comm. in Alg. 9 (1981), 1639–1671.