References

[B/D1] J. Baez and J. Dolan, Higher-dimensional algebra and topological quantum field theory, *Journal of Mathematical Physics* **36** (1995), 6073-6105.

[B/D2] J. Baez and J. Dolan, letter to R. Street, Nov. 30, 1995, corrected version as of Dec. 3, 1995; available at http://math.ucr.edu/home/baez/ .

[B/D3] J. Baez and J. Dolan, Higher dimensional algebra III: n-categories and the algebra of opetopes. Preprint, February 5, 1997.

[Ba] M. Batanin, On the definition of weak ω-category. *Macquarie Mathematics Reports* no. **96/207**.

[Be] J. Benabou, Introduction to bicategories. In: Lecture Notes in Mathematics, vol **47**, Springer Verlag, 1967; 1-77.

[G/P/S] R. Gordon, A. J. Power and R. Street, Coherence for tricategories. *Memoirs of the American Mathematical Society*, vol. 117 (1995), no.**558**.

[G] A. Grothendieck, Categories fibrees et descente. In: *Revetements Etales et Groupe Fondamental*. Lecture Notes in Mathematics **224**, Springer-Verlag, Berlin (1970); Expose VI, pp. 145-194.

[J] M Johnson, *Pasting Diagrams in n-Categories with Applications to Coherence Theorems and Categories of Paths.* PhD Thesis, University of Sydney, October 1987.

[L1] J. Lambek, Deductive systems and categories II. In: Lecture Notes in Mathematics, no. **86**, Springer-Verlag (1969); pp. 76-122.

[L2] J. Lambek, Multicategories revisited. In: *Categories in Computer Science and Logic*, Proceedings, Boulder, 1987. Contemporary Mathematics 92, Americal Mathematical Society (1989); pp. 217-240.

[M L] S. Mac Lane, *Categories for the Working Mathematician*. Springer Verlag, 1971.

[M1] M. Makkai, Avoiding the axiom of choice in general category theory. *Journal of Pure and Applied Algebra* **108** (1996), 109-173.

[M2] M. Makkai, Towards a categorical foundation of mathematics. To appear in the *Proceedings of the Haifa Logic Colloquium, August 1995*.

[M3] M. Makkai, *First Order Logic with Dependent Sorts, with Applications to Category Theory*. Research monograph. Accepted for publication in Lecture Notes in Logic, Springer Verlag. Available electronically.

[M4] M. Makkai, On structuralism in mathematics. To appear in a memorial volume dedicated to the memory of John Macnamara. Edited by R. Jackendoff, Brandeis University.

[P1] A. J. Power, A 2-categorical pasting theorem. *Journal of Algebra* **129** (1990), 439-445.

[P2] A. J. Power, An n-categorical pasting theorem. In: *Category Theory*, Proceedings, Como 1990, Springer Lecture Notes in Mathematics **1488**, Springer-Verlag, Berlin (1991), 326-358.

[S1] R. Street, The algebra of oriented simplexes. *Journal of Pure and Applied Algebra* **49** (1987), 283-335.

[S2] R. Street, Parity complexes. *Cahiers Topologie Geom. Differentielle Categoriques* **35** (1991), 315-343.

[S3] R. Street, Higher categories, strings, cubes and simplex equations. *Applied Categorical Structures* **3** (1995), 29-77.

[S4] R. Street, Categorical Structures. In: *Handbook of Algebra*, vol.1. Edited by M. Hazewinkel. Elsevier Science B. V. (1996); pp. 529-577.

[T] Z. Tamsamani, *Sur des notions de n-categorie et n-groupoide non-strict via des ensembles multi-simpliciaux.* These, Laboratoire de Topologie et Geometrie, Universite Paul Sabatier, Toulouse, France.