

# Publication list of Marc Bezem

## Journal articles

- [1] M.A. Bezem. Isomorphisms between  $\text{HEO}$  and  $\text{HRO}^E$ ,  $\text{ECF}$  and  $\text{ICF}^E$ . *Journal of Symbolic Logic* 50:359–371, 1985.
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- [3] M.A. Bezem. Strong normalization of bar recursive terms without using infinite terms. *Archive for Mathematical Logic* 25:175–181, 1985.
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- [5] M.A. Bezem. Equivalence of bar recursors in the theory of functionals of finite type. *Archive for Mathematical Logic*, 27:149–160, 1988.
- [6] M.A. Bezem. Compact and majorizable functionals of finite type. *Journal of Symbolic Logic* 54:271–280, 1989.
- [7] M.A. Bezem. Completeness of resolution revisited. *Theoretical Computer Science* 74:227–237, 1990.
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- [10] M.A. Bezem. Semantics and consistency of rule-based expert systems. *Journal of Logic and Computation*, 1(4):477–495, 1991.
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- [15] M.A. Bezem and J. Keuzenkamp. Undecidable goals for completed acyclic programs. *New Generation Computing* 12:209–213, 1994.
- [16] E. Barendsen and M.A. Bezem. Polymorphic extensions of simple type structures, with an application to a bar recursive minimization. *Annals of Pure and Applied Logic* 79(3):221–280, 1996.
- [17] M.A. Bezem and J. Springintveld. A simple proof of the undecidability of inhabitation in  $\lambda P$ . *Journal of Functional Programming* 6(5):1–5, September 1996.
- [18] M.A. Bezem, R. Bol and J.F. Groote. Formalizing process algebraic verifications in the Calculus of Constructions. *Formal Aspects of Computing* 9:1–48, 1997.
- [19] A. Ponse and M.A. Bezem. Two finite specifications of a queue. *Theoretical Computer Science*, 177(2):487–507, 1997.
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- [37] M.A. Bezem, U. Buchholtz and T. Coquand. Syntactic Forcing Models for Coherent Logic. *Indagationes Mathematicae*, to appear.

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## Contributed papers to conferences

- [39] M.A. Bezem. Consistency of rule-based expert systems. In E. Lusk and R. Overbeek, editors, *Proceedings of the 9-th Conference on Automated Deduction*, number 310 in Lecture Notes in Computer Science, pages–161, Argonne, 1988. Springer, Berlin.
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- [69] M.A. Bezem, T. Coquand, E. Parmann and K. Nakata. Realizability at work: separating two constructive notions of finiteness. Under review.
- [70] R. Adams, M.A. Bezem and T. Coquand. A Strongly Normalizing Computation Rule for Univalence in Higher-Order Minimal Logic. Under review.

## Book chapters

- [71] M.A. Bezem and J.W. Klop. *Abstract Reduction Systems*. Chapter 1 in [85], pages 7–23.
- [72] M.A. Bezem, J.W. Klop and V. van Oostrom. *Advanced ARS Theory*. Chapter 14 in [85], pages 744–775.
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## Theses

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## Other scientific publications

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