

## PUBLICATIONS

CHRIS MILLER

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- With A. Dolich and C. Steinhorn, *Structures having o-minimal open core*, to appear in Trans. Amer. Math. Soc.
- With J. Tyne, *Expansions of o-minimal structures by iteration sequences*, Notre Dame J. Formal Logic **47** (2006), 93–99.
- *Avoiding the projective hierarchy in expansions of the real field by sequences*, Proc. Amer. Math. Soc. **134** (2006), 1483–1493.
- With H. Friedman, *Expansions of o-minimal structures by fast sequences*, J. Symbolic Logic **70** (2005), 410–418.
- *Tameness in expansions of the real field*, in Logic Colloquium '01 (Vienna), Lect. Notes Log. **20**, Assoc. Symbol. Logic, Urbana, IL, 2005, 281–316.
- With G. Edgar, *Borel subrings of the reals*, Proc. Amer. Math. Soc. **131** (2003), 1121–1129.
- With J.-M. Lion and P. Speissegger, *Differential equations over polynomially bounded o-minimal structures*, Proc. Amer. Math. Soc. **131** (2003), 175–183.
- With P. Speissegger, *Pfaffian differential equations over exponential o-minimal structures*, J. Symbolic Logic **67** (2001), 438–448.
- With G. Edgar, *Hausdorff dimension, analytic sets and transcendence*, Real Anal. Exchange **27** (2001/2002), 335–339.
- With R. Dougherty, *Definable boolean combinations of open sets are boolean combinations of open definable sets*, Illinois J. Math. **45** (2001), 1347–1350.
- *Expansions of dense linear orders with the intermediate value property*, J. Symbolic Logic **66** (2001), 1783–1790.
- With H. Friedman, *Expansions of o-minimal structures by sparse sets*, Fund. Math. **167** (2001), 55–64.
- With G. Lafferriere, *Uniform reachability algorithms*, in Hybrid Systems: Computation and Control, Lecture Notes in Comput. Sci. **1790**, Springer, New York (2000), 215–228.
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- With D. Marker, *Levelled o-minimal structures*, Rev. Mat. Univ. Complut. Madrid **10** (1997), 241–249.
- *An extension of Hölder's theorem on the gamma function*, Israel J. Math. **97** (1997), 183–187.
- With L. van den Dries, *Geometric categories and o-minimal structures*, Duke Math. J. **84** (1996), 497–540.

- *A growth dichotomy for o-minimal expansions of ordered fields*, in *Logic: from Foundations to Applications*, Oxford Sci. Publ., Oxford Univ. Press, New York, 1996, 385–399.
- *Infinite differentiability in polynomially bounded o-minimal structures*, *Proc. Amer. Math. Soc.* **123** (1995), 2551–2555.
- With L. van den Dries, *Extending Tamm’s theorem*, *Ann. Inst. Fourier (Grenoble)* **44** (1994), 1367–1395.
- *Exponentiation is hard to avoid*, *Proc. Amer. Math. Soc.* **122** (1994), 257–259.
- *Expansions of the real field with power functions*, *Ann. Pure Appl. Logic* **68** (1994), 79–94.
- With L. van den Dries, *On the real exponential field with restricted analytic functions*, *Israel J. Math.* **85** (1994), 19–56. (A corrigendum appears in *Israel J. Math.* **92** (1995).)

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