

PUBLICATIONS

Books

- [1] Co-editor with D. A. Martin, Y. N. Moschovakis, and J. R. Steel, of the series: *Cabal-Seminar* 76–77, 77–79, 79–81, 81–85, Proc. Caltech-UCLA Logic Seminar, Lecture Note Series in Math., vols. **689**, **839**, **1019**, **1333**, Springer-Verlag, New York, 1978, 1981, 1983, 1988.
- [2] (With A. Louveau) *Descriptive Set Theory and the Structure of Sets of Uniqueness*, London Math. Society Lecture Note Series, **128**, Cambridge Univ. Press, Cambridge, 1987 (reprinted in 1989).
- [3] *Classical Descriptive Set Theory*, Graduate Texts in Mathematics, **156**, Springer-Verlag, New York, 1995.
- [4] (With H. Becker) *The Descriptive Set Theory of Polish Group Actions*, London Math. Society Lecture Note Series, **232**, Cambridge University Press, Cambridge, 1996.
- [5] Co-editor with M. Foreman, A. Louveau and B. Weiss of the book: *Descriptive Set Theory and Dynamical Systems*, London Math. Society Lecture Note Series, **277**, Cambridge University Press, Cambridge, 2000.
- [6] (With W. Henson, J. Iovino, and E. Odell) *Analysis and Logic*, London Math. Society Lecture Note Series, **262**, Cambridge University Press, 2002.
- [7] (With B.D. Miller) *Topics in Orbit Equivalence*, Lecture Notes in Mathematics, **1852**, Springer, 2004.
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- [9] *Global aspects of ergodic group actions*, Math. Surveys and Monographs, **160**, Amer. Math. Soc., 2010.
- [10] Co-editor with B. Löwe, J.R. Steel, *Wadge Degrees and Projective Ordinals: The Cabal Seminar, Volume II*, Lecture Notes in Logic, **37**, Cambridge University Press, 2012.
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- [12] Co-editor with B. Löwe, J.R. Steel, *Large cardinals, determinacy and other topics: The Cabal Seminar, Volume IV*, Lecture Notes in Logic, **49**, Cambridge University Press, 2021.
- [13] Co-editor with N. Makarov, D. Ramakrishnan and X. Zhu, *Nine Mathematical Challenges, An Elucidation*, Proceedings of Symposia in Pure Mathematics, **104**, Amer. Math. Soc., 2021.
- [14] *The theory of countable Borel equivalence relations*, to appear in Cambridge Tracts in Mathematics, Cambridge University Press, 2024.
Pre-publication version available in:
<https://pma.caltech.edu/people/alexander-kechris>

Papers

- [1] (With Y. N. Moschovakis) Notes on the theory of scales, *Cabal Seminar* 76–77, Proc. of Caltech-UCLA Logic Seminar 1976–77, eds. A. S. Kechris and Y. N. Moschovakis, Lecture Notes in Mathematics, **689**, Springer-Verlag (1978), 1–54.
- [2] (With Y. N. Moschovakis) Two theorems about projective sets, *Israel J. Math.*, **12** (1972), 391–399.
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- [4] Measure and category in effective descriptive set theory, *Ann. Math. Logic*, **5** (1973), 337–384.

- [5] The theory of countable analytical sets, *Trans. Amer. Math. Soc.*, **202** (1975), 259–297.
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