

References

- M. BRÜCKER, J. MARÍK and C. E. WEIL
[1980] A note on Borel sets in \mathbb{R}^n , *Proc. Amer. Math. Soc.*, **83**, 323–326.
- J. BURCHARD
[1975] On the cardinality of the set of continuous functions, *Proc. Amer. Math. Soc.*, **57**, 311–313.
- C. BERGE
[1968] *Topological Spaces*, Pergamon Press, Oxford.
- E. BERNSTEIN and W. FORBES
[1971] A short proof of a theorem of Kechris, *Fund. Math.*, **119**, 113–115.
- S. K. BERBERIAN
[1970] *Measure and Integration*, Van Nostrand Reinhold, New York.
- D. S. BIRMAN and E. SHREVE
[1970] *On the Spectral Theory of Operators in the Space of Functions of Finite Type*, Academic Press, New York.
- C. BIRMAN
[1973] Some remarks on the topology of branched coverings, *Trans. Amer. Math. Soc.*, **213**, 351–367.
- M. AJTAI and A. S. KECHRIS
[1987] The set of continuous functions with everywhere convergent Fourier series, *Trans. Amer. Math. Soc.*, **302**, 207–221.
- W. ARVESON
[1976] *An Invitation to C^* -Algebras*, Springer-Verlag, New York.
- L. AUSLANDER and C. C. MOORE
[1966] *Unitary Representations of Solvable Lie Groups*, Memoirs Amer. Math. Soc., **62**.
- E. A. AZOFF
[1983] Borel maps on sets of von Neumann algebras, *J. Oper. Theory*, **9**, 319–340.
- H. BECKER
[1986] Some examples of Borel-inseparable pairs of coanalytic sets, *Matematika*, **33**, 72–79.
[1987] Pointwise limits of subsequences and Σ_2^1 sets, *Fund. Math.*, **128**, 159–170.
[1992] Descriptive set theoretic phenomena in analysis and topology, *Set Theory of the Continuum*, H. Judah, W. Just and H. Woodin, eds., MSRI Publications, **26**, Springer-Verlag, New York.

H. BECKER, S. KAHANE and A. LOUVEAU

- [1993] Some complete Σ_2^1 sets in harmonic analysis, *Trans. Amer. Math. Soc.*, **339**(1), 323–336.

G. BEER

- [1991] A Polish topology for the closed subsets of a Polish space, *Proc. Amer. Math. Soc.*, **113**, 1123–1133.

F. BELEZNAY and M. FOREMAN

- [199?] The collection of distal flows is not Borel, *Amer. J. Math.*, to appear.

S. K. BERBERIAN

- [1974] *Lectures in Functional Analysis and Operator Theory*, Springer-Verlag, New York.

D. P. BERTSEKAS and S. E. SHREVE

- [1978] *Stochastic Optimal Control: The Discrete Time Case*, Academic Press, New York.

C. BESSAGA and A. PEŁCZYŃSKI

- [1975] *Selected Topics in Infinite-Dimensional Topology*, PWN-Polish Scientific Publishers, Warsaw.

S. BHATTACHARYA and S. M. SRIVASTAVA

- [1986] Selection theorems and invariance of Borel pointclasses, *Proc. Amer. Math. Soc.*, **97**(4), 707–711.

D. BLACKWELL and C. RYLL-NARDZEWSKI

- [1963] Nonexistence of everywhere proper conditional distributions, *Ann. Math. Stat.*, **34**, 223–225.

A. BLASS

- [1981] A partition theorem for perfect sets, *Proc. Amer. Math. Soc.*, **82**(2), 271–277.

B. BOSSARD

- [1993] Codages des espaces de Banach séparables. Familles analytiques ou coanalytiques des espaces de Banach, *C. R. Acad. Sci. Paris, Sér. I*, **316**, 1005–1010.

N. BOURBAKI

- [1966] *General Topology*, Hermann, Paris.

J. BOURGAIN

- [1980] $F_{\sigma\delta}$ sections of Borel sets, *Fund. Math.*, **107**, 129–133.

- [1980a] Borel sets with $F_{\sigma\delta}$ sections, *Fund. Math.*, **107**, 149–159.

A. M. BRUCKNER

- [1978] *Differentiation of Real Functions*, Lecture Notes in Math., **659**, Springer-Verlag, Berlin.

A. M. BRUCKNER, J. MARÍK and C. E. WEIL

- [1992] Some aspects of products of derivatives, *Amer. Math. Monthly*, February, 134–145.

J. P. BURGESS

- [1978] Equivalences generated by families of Borel sets, *Proc. Amer. Math. Soc.*, **69**(2), 323–326.

- [1979] A selection theorem for group actions, *Pac. J. Math.*, **80**, 333–336.

- [1979a] A reflection phenomenon in descriptive set theory, *Fund. Math.*, **104**, 127–139.

D. R. BUSCH

- [1979] Capacitability and determinacy, *Fund. Math.*, **102**, 195–202.

R. CAUTY, T. DOBROWOLSKI, H. GLADDINES and J. VAN MILL

- [199?] Les hyperspaces des retracts absous et des retracts absous de voisinage du plain, to appear.

D. CENZER and R. D. MAULDIN

- [1983] On the Borel class of the derived set operator, II, *Bull. Soc. Math. France*, **111**, 367–372.

J. R. CHOKSI and V. S. PRASAD

- [1983] Approximation and Baire category theorems in ergodic theory, *Measure Theory and Its Applications*, Proceedings, Sherbrooke, Quebec, 1982, Lecture Notes in Math., **1033**, Springer-Verlag, Berlin, 94–113.

G. CHOQUET

- [1969] *Lectures on Analysis*, Benjamin, New York.

J. P. R. CHRISTENSEN

- [1974] *Topology and Borel Structure*, North Holland, Amsterdam.

D. L. COHN

- [1980] *Measure Theory*, Birkhäuser, Boston.

M. DAVIS

- [1964] Infinite games of perfect information, *Ann. Math. Studies*, **52**, 85–101.

C. DELLACHERIE

- [1972] *Ensembles Analytiques, Capacités, Mesures de Hausdorff*, Lecture Notes in Math., **295**, Springer-Verlag, Berlin.

- [1981] Capacities and analytic sets, *Cabal Seminar 77–79*, A. S. Kechris, D. A. Martin and Y. N. Moschovakis, eds., Lecture Notes in Math. **839**, Springer-Verlag, Berlin, 1–31.
- C. DELLACHERIE and P.-A. MEYER
- [1978] *Probabilities and Potential*, Math. Studies **29, 72, 151**, North Holland, Amsterdam.
- J. DIESTEL
- [1984] *Sequences and Series in Banach Spaces*, Springer-Verlag, New York.
- T. DOBROWOLSKI and L. R. RUBIN
- [199?] The space of ANR's in \mathbb{R}^n , *Fund. Math.*, to appear.
- R. DOUGHERTY
- [1988] Monotone reducibility over the Cantor space, *Trans. Amer. Math. Soc.*, **310**(2), 433–484.
- R. DOUGHERTY, S. JACKSON, and A. S. KECHRIS
- [1994] The structure of hyperfinite Borel equivalence relations, *Trans. Amer. Math. Soc.*, **341**(1), 193–225.
- R. DOUGHERTY and A. S. KECHRIS
- [1991] The complexity of antiderivatives, *Adv. in Math.*, **88**(2), 145–169.
- L. DUBINS and D. FREEDMAN
- [1964] Measurable sets of measures, *Pac. J. Math.*, **14**, 1211–1222.
- R. M. DUDLEY
- [1989] *Real Analysis and Probability*, Wadsworth & Brooks/Cole, Pacific Grove, CA.
- E. G. EFFROS
- [1965] Convergence of closed subsets in a topological space, *Proc. Amer. Math. Soc.*, **16**, 929–931.
- E. ELLENTUCK
- [1974] A new proof that analytic sets are Ramsey, *J. Symb. Logic*, **39**, 163–165.
- H. B. ENDERTON
- [1977] *Elements of Set Theory*, Academic Press, New York.
- R. ENGELKING
- [1969] On closed images of the space of irrationals, *Proc. Amer. Math. Soc.*, **21**, 583–586.
- [1977] *General Topology*, PWN—Polish Scientific Publishers, Warsaw.

P. ERDŐS and A. H. STONE

- [1970] On the sum of two Borel sets, *Proc. Amer. Math. Soc.*, **25**(2), 304–306.

J. FELDMAN and C. C. MOORE

- [1977] Ergodic equivalence relations and von Neumann algebras, I, *Trans. Amer. Math. Soc.*, **234**, 289–324.

H. FRIEDMAN

- [1971] Higher set theory and mathematical practice, *Ann. Math. Logic*, **2**, 325–357.

H. FRIEDMAN and L. STANLEY

- [1989] A Borel reducibility theory for classes of countable structures, *J. Symb. Logic*, **54**(3), 894–914.

H. FURSTENBERG

- [1963] The structure of distal flows, *Amer J. Math.*, **85**, 477–515.

D. GALE and F. M. STEWART

- [1953] Infinite games with perfect information, *Ann. Math. Studies*, **28**, 245–266.

F. GALVIN and K. PRIKRY

- [1973] Borel sets and Ramsey's Theorem, *J. Symb. Logic*, **38**, 193–198.

D. C. GILLESPIE and W. A. HURWITZ

- [1930] On sequences of continuous functions having continuous limits, *Trans. Amer. Math. Soc.*, **32**, 527–543.

P. R. HALMOS

- [1950] *Measure Theory*, Van Nostrand, Princeton, NJ.

- [1960] *Lectures on Ergodic Theory*, Chelsea, New York.

- [1960a] *Naive Set Theory*, Van Nostrand, Princeton, NJ.

- [1963] *Lectures on Boolean Algebras*, Van Nostrand, Princeton, NJ.

L. HARRINGTON

- [1978] Analytic determinacy and $0^\#$, *J. Symb. Logic*, **43**, 685–693.

L. HARRINGTON and A. S. KECHRIS

- [1981] On the determinacy of games on ordinals, *Ann. Math. Logic*, **20**, 109–154.

L. HARRINGTON, D. MARKER, and S. SHELAH

- [1988] Borel orderings, *Trans. Amer. Math. Soc.*, **310**(1), 293–302.

F. HAUSDORFF

- [1978] *Set Theory*, 3rd edition, Chelsea, New York.

R. HAYDON

- [1975] A new proof that every Polish space is the extreme boundary of a simplex, *Bull. London Math. Soc.*, **7**, 97–100.

E. HEWITT and K. A. ROSS

- [1979] *Abstract Harmonic Analysis*, Vol. I, Springer-Verlag, Berlin.

G. HILLARD

- [1979] Une généralisation du théorème de Saint Raymond sur les boréliens à coupes K_σ , *C. R. Acad. Sci. Paris*, **288**, 749–751.

P. G. HINMAN

- [1969] Some applications of forcing to hierarchy problems in arithmetic, *Z. Math. Logik Grundlagen Math.*, **15**, 341–352.

J. HOFFMANN-JØRGENSEN

- [1970] *The Theory of Analytic Spaces*, Various Publication Series, **10**, Math. Inst. Aarhus Univ.

S. JACKSON

- [1989] AD and the very fine structure of $L(\mathbb{R})$, *Bull. (New Series) Amer. Math. Soc.*, **21**(1), 77–81.

A. KANAMORI

- [199?] *The Higher Infinite: Large Cardinals in Set Theory*, to appear.

V. G. KANOVEI

- [1983] An answer to Lusin's question about the separability of CA-curves, *Math. Notes, Acad. Sci. USSR*, **33**, 223–24.

Y. KATZNELSON

- [1976] *An Introduction to Harmonic Analysis*, Dover, New York.

R. KAUFMAN

- [1984] Fourier transforms and descriptive set theory, *Mathematika*, **31**, 336–339.

- [1987] Co-analytic sets and extreme points, *Bull. London Math. Soc.*, **19**, 72–74.

- [1989] Continuous measures and analytic sets, *Colloq. Math.*, **58**, 17–21.

- [1991] Topics on analytic sets, *Fund. Math.*, **139**, 215–229.

A. S. KECHRIS

- [1973] Measure and category in effective descriptive set theory, *Ann. Math. Logic*, **5**, 337–384.

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

- [1977] On a notion of smallness for subsets of the Baire space, *Trans. Amer. Math. Soc.*, **229**, 191–207.
- [1985] Sets of everywhere singular functions, *Recursion Theory Week*, Proc. Oberwolfach 1984, H.-D. Ebbinghaus, G. H. Müller, and G. E. Sacks, eds., Lecture Notes in Math., **1141**, 233–244.
- [1992] Countable sections for locally compact group actions, *Ergod. Th. and Dynam. Sys.*, **12**, 283–295.
- A. S. KECHRIS and A. LOUVEAU
- [1989] *Descriptive set theory and the structure of sets of uniqueness*, London Math. Soc. Lecture Note Series, **128**, Cambridge Univ. Press, Cambridge.
- [1992] Descriptive set theory and harmonic analysis, *J. Symb. Logic*, **57**(2), 413–441.
- A. S. KECHRIS, A. LOUVEAU, and W. H. WOODIN
- [1987] The structure of σ -ideals of compact sets, *Trans. Amer. Math. Soc.*, **301**(1), 263–288.
- A. S. KECHRIS and R. LYONS
- [1988] Ordinal rankings on measures annihilating thin sets, *Trans. Amer. Math. Soc.*, **310**(2), 747–758.
- A. S. KECHRIS, D. A. MARTIN, Y. N. MOSCHOVAKIS and J. R. STEEL, EDS.
- [1978, 1981, 1983, 1988] *Cabal Seminar 76–77, 77–79, 79–81, 81–85*, Lecture Notes in Math., **689, 839, 1019, 1333**, Springer-Verlag, Berlin.
- A. S. KECHRIS, D. A. MARTIN, and R. M. SOLOVAY
- [1983] Introduction to Q -theory, *Cabal Seminar 79–81*, A. S. Kechris, D. A. Martin and Y. N. Moschovakis, eds., Lecture Notes in Math., **1019**, Springer-Verlag, Berlin, 199–282.
- A. S. KECHRIS and W. H. WOODIN
- [1986] Ranks of differentiable functions, *Mathematika*, **33**, 252–278.
- H. KI and T. LINTON
- [199?] Normal numbers and subsets of \mathbb{N} with given densities, *Fund. Math.*, to appear.
- E. KLEIN and A. C. THOMPSON
- [1984] *Theory of Correspondences*, Wiley, New York.
- K. KUNEN
- [1980] *Set Theory*, North Holland, Amsterdam.
- K. KUNEN and J. E. VAUGHAN, EDS.
- [1984] *Handbook of Set-Theoretic Topology*, North Holland, Amsterdam.

K. KURATOWSKI

- [1966] *Topology*, Vol. I, Academic Press, New York.
- [1973] Applications of the Baire-category method to the problem of independent sets, *Fund. Math.*, **81**, 65–72.

K. KURATOWSKI and C. RYLL-NARDZEWSKI

- [1965] A general theorem on selectors, *Bull. Acad. Pol. Sci. Sér. Sci., Math., Astr. et Phys.*, **13**, 397–403.

B. R. LI

- [1992] *Introduction to Operator Algebras*, World Scientific, Singapore.

T. LINTON

- [1994] The H sets in the unit circle are properly $G_{\delta\sigma}$, *Real. Anal. Exch.*, **19**(1), 203–211.

A. LOUVEAU

- [1980] A separation theorem for Σ_1^1 sets, *Trans. Amer. Math. Soc.*, **260**, 363–378.

- [1980a] *Ensembles analytiques et boréliens dans les espaces produits*, Astérisque, Soc. Math. de France, **78**.

- [199?] Forthcoming book.

A. LOUVEAU and J. SAINT RAYMOND

- [1987] Borel classes and closed games: Wadge-type and Hurewicz-type results, *Trans. Amer. Math. Soc.*, **304**(2), 431–467.

- [1988] Les propriétés de réduction et de norme pour les classes de Boréliens, *Fund. Math.*, **131**, 223–243.

N. N. LUSIN

- [1972] *Leçons sur les Ensembles Analytiques*, 2nd edition, Chelsea, New York.

G. W. MACKEY

- [1957] Borel structures in groups and their duals, *Trans. Amer. Math. Soc.*, **85**, 134–165.

- [1976] *The Theory of Unitary Group Representations*, Univ. of Chicago Press, Chicago.

A. MAITRA

- [1983] Selectors for Borel sets with large sections, *Proc. Amer. Math. Soc.*, **89**(4), 705–708.

R. MANSFIELD

- [1970] Perfect subsets of definable sets of real numbers, *Pacific J. Math.*, **35**, 451–457.

- [1971] A Souslin operation for Π_2^1 , *Israel J. Math.*, **9**, 367–369.
- D. A. MARTIN
- [1968] The axiom of determinateness and reduction principles in the analytical hierarchy, *Bull. Amer. Math. Soc.*, **74**(4), 687–689.
- [1981] The use of set-theoretic hypotheses in the study of measure and topology, *General Topology and Modern Analysis*, Proc. Conf., Univ. of Calif., Riverside, 1980, Academic Press, New York, 417–429.
- [1985] A purely inductive proof of Borel determinacy, *Recursion Theory*, Proc. Symp. Pure Math., **42**, 303–308.
- [199?] Forthcoming book.
- D. A. MARTIN and R. M. SOLOVAY
- [1969] A basis theorem for Σ_3^1 sets of reals, *Ann. of Math.*, **89**, 138–160.
- D. A. MARTIN and J. R. STEEL
- [1989] A proof of projective determinacy, *J. Amer. Math. Soc.*, **2**, 71–125.
- R. D. MAULDIN
- [1979] The set of continuous nowhere differentiable functions, *Pac. J. Math.*, **83**, 199–205.
- R. D. MAULDIN, ED.
- [1981] *The Scottish Book*, Birkhäuser, Boston, 1991.
- D. E. MILLER
- [1977] On the measurability of orbits in Borel actions, *Proc. Amer. Math. Soc.*, **63**(1), 165–170.
- Y. N. MOSCHOVAKIS
- [1980] *Descriptive Set Theory*, North Holland, Amsterdam.
- [1994] *Notes on Set Theory*, Springer-Verlag, New York.
- J. MYCIELSKI
- [1964] On the axiom of determinateness, *Fund. Math.*, **53**, 205–224.
- [1966] On the axiom of determinateness, II, *Fund. Math.*, **59**, 203–212.
- [1973] Almost every function is independent, *Fund. Math.*, **81**, 43–48.
- [1992] Games with perfect information, *Handbook of Game Theory*, Vol. 1, R. J. Aumann and S. Hart, eds., Elsevier, Amsterdam, 41–70.
- J. MYCIELSKI and H. STEINHAUS
- [1962] A mathematical axiom contradicting the axiom of choice, *Bull. Acad. Polon. Sci.*, **10**, 1–3.
- J. MYCIELSKI and S. ŚWIERCZKOWSKI
- [1964] On the Lebesgue measurability and the axiom of determinateness, *Fund. Math.*, **54**, 67–71.

I. NAMIOKA

- [1974] Separate continuity and joint continuity, *Pacific J. Math.*, **51**, 515–531.

O. A. NIELSEN

- [1980] *Direct Integral Theory*. Marcel Dekker, Inc., New York.

K. R. PARTHASARATHY

- [1967] *Probability Measures on Metric Spaces*. Academic Press, New York.
 [1978] *Introduction to Probability and Measure*. Springer-Verlag, New York.

D. PREISS

- [1973] The convex generation of convex Borel sets in Banach spaces, *Mathematika*, **20**, 1–3.

C. A. ROGERS ET AL.

- [1980] *Analytic Sets*. Academic Press, London.

H. P. ROSENTHAL

- [1974] A characterization of Banach spaces containing ℓ_1 , *Proc. Nat. Acad. Sci. (USA)*, **71**, 2411–2413.

H. L. ROYDEN

- [1968] *Real Analysis*, 2nd ed., Macmillan, New York.

G. E. SACKS

- [1963] *Degrees of Unsolvability*. Ann. of Math. Studies, **55**, Princeton Univ. Press, Princeton, NJ.

- [1969] Measure-theoretic uniformity in recursion theory and set theory, *Trans. Amer. Math. Soc.*, **142**, 381–420.

J. SAINT RAYMOND

- [1975] Approximation des sous-ensembles analytiques par l'intérieur, *C. R. Acad. Sc. Paris*, **281**, Série A, 85–87.

- [1976] Fonctions Boréliennes sur un quotient, *Bull. Soc. Math. France (2)*, **100**, 141–147.

- [1976a] Boréliens à coupes K_σ , *Bull. Soc. Math. France*, **104**, 389–406.

- [1978] La structure borélienne d'Effros est-elle standard?, *Fund. Math.*, **100**, 201–210.

J. H. SILVER

- [1970] Every analytic set is Ramsey, *J. Symb. Logic*, **35**, 60–64.

- [1980] Counting the number of equivalence classes of Borel and coanalytic equivalence relations, *Ann. Math. Logic*, **18**, 1–28.

R. M. SOLOVAY

- [1969] On the cardinality of Σ_2^1 sets of reals, *Foundations of Mathematics*, Bullof et al., eds., Springer-Verlag, Berlin, 58–73.
- [1970] A model of set theory in which every set of reals is Lebesgue measurable, *Ann. of Math.*, **92**, 1–56.

S. M. SRIVASTAVA

- [1979] Selection theorems for G_δ -valued multifunctions, *Trans. Amer. Math. Soc.*, **254**, 283–293.

J. STERN

- [1978] Evaluation du rang de Borel des certains ensembles, *C. R. Acad. Sci. Paris, Sér. A-B*, **286**(20), A855–857.

C. SUTHERLAND

- [1985] A Borel parametrization of Polish groups, *Publ. RIMS. Kyoto Univ.*, **21**, 1067–1086.

M. TAKESAKI

- [1979] *Theory of Operator Algebras*, I, Springer-Verlag, New York.

H. TANAKA

- [1968] A basis result for Π_1^1 sets of positive measure, *Comment. Math. Univ. St. Paul*, **16**, 115–127.

R. TELGÁRSKY

- [1987] Topological games: On the 50th anniversary of the Banach-Mazur game, *Rocky Mountain J. Math.*, **17**(2), 227–276.

S. K. THOMASON

- [1967] The forcing method and the upper semi-lattice of hyperdegrees, *Trans. Amer. Math. Soc.*, **129**, 38–57.

V. V. USPENSKIĬ

- [1986] A universal topological group with a countable base, *Funct. Anal. and Its Appl.*, **20**, 160–161.

J. VAN MILL

- [1989] *Infinite-Dimensional Topology*, North Holland, Amsterdam.

R. VAN WESEP

- [1978] Wadge degrees and descriptive set theory, *Cabal Seminar 76–77*, A. S. Kechris and Y. N. Moschovakis, eds., Lecture Notes in Math., **689**, Springer-Verlag, Berlin, 151–170.

R. L. VAUGHT

- [1974] Invariant sets in topology and logic, *Fund. Math.*, **82**, 269–294.

P. WOJTASZCZYK

[1991] *Banach Spaces for Analysts*, Cambridge Univ. Press, Cambridge.

Z. ZALCWASSER

[1930] Sur une propriété du champ des fonctions continues, *Studia Math.*, **2**, 63–67.

R. J. ZIMMER

[1984] *Ergodic Theory and Semisimple Groups*, Birkhäuser, Boston.