

REFERENCES

for the talk “Iteration problems in symbolic dynamics”
to be given by Adrian Mathias on September 28th 2022
in the CalTech Zoominar of Alekos Kechris

- [1] LL. ALSEDÀ, M. CHAS and J. SMÍTAL. On the structure of the ω -limit sets for continuous maps of the interval. *Internat. J. Bifur. Chaos Appl. Sci. Engrg.* **9** (1999), no. 9, 1719–1729. MR 2000i:37047
- [2a] A. R. D. MATHIAS. Delays, recurrence and ordinals. *Proc. London Math. Soc.* (3) **82** (2001) 257–298.
- [2b] A. R. D. MATHIAS, Recurrent points and hyperarithmetic sets, in *Set Theory, Techniques and Applications*, Curaçao 1995 and Barcelona 1996 conferences, edited by C. A. Di Prisco, Jean A. Larson, Joan Bagaria and A. R. D. Mathias, Kluwer Academic Publishers, Dordrecht, Boston, London, 1998, 157–174.

More recent work

- [2c] A. R. D. MATHIAS, Analytic sets under attack, *Math. Proc. Cambridge Phil. Soc.* **138** (2005) 465–485.
- [2d] A. R. D. MATHIAS, Choosing an attacker by a local derivation, *Acta Universitatis Carolinae - Math. et Phys.*, **45**(2004) 59–65.
- [2e] A. R. D. MATHIAS, A scenario for transferring high scores, *Acta Universitatis Carolinae - Math. et Phys.*, **45** (2004) 67–73.

Yet more recent work

- [6a] C. DELHOMMÉ. Transfer of scores to the shift’s attacks of Cantor space.
- [6b] C. DELHOMMÉ. Representation in the shift’s attacks of Baire space.
[formerly On embedding transitive relations in that of shift-attack.]
- [6c] C. DELHOMMÉ. Completeness properties of the relation of attack.

Further reading

- [3] N. N. LUSIN, Sur la classification de M. Baire, *Comptes Rendus Acad. Sci. Paris* **164** (1917) 91–94.
 - [4a] C. DELLACHERIE, Les dérivations en théorie descriptive des ensembles et le théorème de la borne, in: *Séminaire de Probabilités XI*, Lecture Notes in Mathematics Volume 581, Springer–Verlag, Berlin, Heidelberg and New York, 1977, pp 34–46. Erratum in *Séminaire de Probabilités XII* Springer LNM 649, 1978, p. 523.
 - [4b] C. DELLACHERIE, Un cours sur les ensembles analytiques, in: *Analytic Sets* by C. A. Rogers *et al.*, Academic Press, 1981, pp 183–316.
 - [5] Y. N. MOSCHOVAKIS. *Descriptive set theory*. (North Holland, 1980).
-
- [Ke] A. S. KECHRIS. *Classical descriptive set theory*. Graduate Texts in Mathematics 156, (Springer, 1995).
 - [Ko] S. KOPPELBERG, *Using βS in combinatorics and dynamical systems (survey)*, 28 pages.
 - [Kr] A. KREUZER, *Minimal idempotent ultrafilters and the Auslander–Ellis theorem*, arXiv:1305.6530v2 9 Oct 2015.
 - [Ku] K. KUNEN, *Some points in $\beta\mathbb{N}$* , Math. Proc. Cam. Phil. Soc. **80** (1976) 385–398.
-
- [7] Andreas BLASS, *Ultrafilters; where topological dynamics = algebra = combinatorics*. Topology Proc. **18** (1993), 33–56.
 - [8a] T.K. Subrahmonian MOOTHATHU, *Syndetically proximal pairs*, J. Math. Anal. Appl. **379** (2011) 656–663
 - [8b] Jian LI, T.K. Subrahmonian MOOTHATHU, Piotr OPROCHA *Corrigendum to “Syndetically proximal pairs”*, arXiv:1707.07575v1 21 Jul 2017.
[A counterexample to Theorem 9 of [8a]]
 - [8c] T. K. S. MOOTHATHU, P. OPROCHA, *Syndetic proximality and scrambled sets*, arXiv:1108.1280v4 4 Apr 2013.
 - [8d] T. K. S. MOOTHATHU, *Topological Dynamics* (72 pages, May 2017).