Jindřich Zapletal
Separating equivalence classes

Abstract: Given a countable Borel equivalence relation, I introduce an invariant measuring how difficult it is to find Borel sets separating its equivalence classes. I evaluate these invariants in several standard generic extensions.

References

[1] Jech T., *Set Theory*, Springer Monographs in Mathematics, Springer, Berlin, 2003.

[2] Kanovei V., *Borel Equivalence Relations: Structure and Classification*, University Lecture Series, 44, American Mathematical Society, Providence, 2008.

[3] Zapletal J., *Forcing Idealized*, Cambridge Tracts in Mathematics, 174, Cambridge University Press, Cambridge, 2008.

[4] Zapletal J., *Hypergraphs and proper forcing*, available at arXiv:1710.10650 [math.LO] (2017), 64 pages.