

Some references

A.Miller

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1. U.Abraham, A minimal model for $\neg\text{CH}$: iteration of Jensen's reals, Transactions of the American Mathematical Society, 281(1984), 657-674. [A refinement of iterated perfect set forcing]
2. S.Baldwin, R.Beaudoin, Countable dense homogeneous spaces under Martin's axiom, Israel J. Math. 65(1989), 153-164. [MA_{ω_1} implies any two ω_1 -dense subsets of the Cantor set are homeomorphic.]
3. J.Baumgartner, Iterated forcing, in **Surveys in Set Theory**, edited by ARD Mathias, London Mathematical Society Lecture Note Series, 87(1983), 1-59. [Countable support iteration of Axiom A forcings]
4. J.Baumgartner, Applications of the proper forcing axiom, Collection: Handbook of set-theoretic topology, 913-959 North-Holland, 1984. [Any two ω_1 -dense sets of reals are order isomorphic.]
5. J.Baumgartner, Sacks forcing and the total failure of Martin's axiom, Topology and its Applications, 19 (1985), 211-225. [Side by side perfect set forcing]
6. J.Baumgartner and R.Laver, Iterated perfect set forcing, Annals of Mathematical Logic, 17(1979), 271-288. [Splitting property of Sacks forcing]
7. L.Bukowsky, Random forcing, in **Set Theory and Hierarchy Theory V**, Lecture Notes in Mathematics, Springer-Verlag, 619(1976), 101-118. [Product of random reals gives a Cohen real.]
8. J.Burgess, *Forcing*, in **Handbook of Mathematical Logic**, North-Holland (1977), 403-452. [Consistency of MA]
9. D.H.Fremlin, S.Shelah, On partitions of the real line, Israel Journal of Mathematics, 32(1979), 299-304. [$\text{cov}(\text{meager}) > \omega_1$ implies the real line cannot be partitioned into ω_1 disjoint Π_2^0 sets.]
10. C.Gray, PhD thesis, University of California, Berkeley, (1980). [Laver forcing gives minimal degrees.]

11. S.Griegorieff, Combinatorics on ideals and forcing, *Annals of Mathematical Logic*, 3(1971), 363-394. [Silver forcing]
12. M.Groszek, T.Slaman, Independence results on the global structure of the Turing degrees, *Transactions the American Mathematical Society*, 277(1983), 579-588. [Side by side perfect set forcing]
13. M.Groszek, T.Slaman, A basis theorem for perfect sets, *Bulletin of Symbolic Logic*, 4(1998), 204-209. [There can't be a nonconstructible perfect set of constructible reals.]
14. H.Judah, S.Shelah, H.Woodin, *The Borel conjecture*, *Annals of Pure and Applied Logic*, 50(1990), 255-269. [Borel conjecture still true after adding random reals to Laver's model.]
15. J.Ketonen, *On the existence of P-points in the Stone-Cech compactification of integers*, *Fund. Math.*, 92(1976), 91-94. [Every small filter base extends to a P-point iff $\mathbf{d}=\mathbf{c}$.]
16. K.Kunen, F.Tall, Between Martin's axiom and Souslin's hypothesis, *Fund. Math.*, 102(1979), 173-181. [Consistency of $\text{MA}(\text{prop K})+$ notMA.]
17. R.Laver, On the consistency of Borel's conjecture, *Acta. Math.*, 137 (1976), 151-169. [Laver forcing]
18. J.Oxtoby, **Measure and category**, Springer-Verlag, 1971. [Basic primer for Lebesgue measure and Baire category on the real line.]
19. G.Sacks, Forcing with perfect closed sets, *Axiomatic Set Theory*, ed by D.Scott, *Proc. Sympos. Pure Math. Amer. Math. Soc.*, 13(1971), 331-355. [Perfect set forcing]
20. R.Solovay, A model of set-theory in which every set of reals is Lebesgue measurable, *Annals of Mathematics*, 92(1970), 1-56. [Random real forcing]
21. Steprans, Juris, Cardinal arithmetic and \aleph_1 -Borel sets, *Proc. Amer. Math. Soc.*, 84 (1982), 121-126. [ccc-finite support iteration of length ω_1]
22. J.Vaughan, *Small uncountable cardinals and topology*, in **Open Problems in Topology**, ed by J.van Mill, G.M.Reed, North-Holland, 1990, 196-218. [Open problem: Does $\mathbf{r} = \mathbf{r}_\sigma$?]