

- NOAH SCHOEM, *Destruction of ideal saturation*.

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An ideal I on κ is κ^+ -saturated if every antichain of $(P(\kappa)/I, \leq_I)$ has cardinality $\leq \kappa$, and is κ^+ -presaturated if I is precipitous and the forcing $(P(\kappa)/I, \leq_I)$ preserves κ . We answer an open question of [1] of whether there is a forcing extension that destroys κ^+ -saturation of ideals on κ while preserving their κ^+ -presaturation in the affirmative.

[1] SEAN COX AND MONROE ESKEW, *Strongly proper forcing and some problems of Foreman*, *Transactions of the American Mathematical Society*, vol. 371 (2019), pp. 5039-5068.