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Killing P-points made simple

In [1] the authors proved that adding a Silver real kills P-points. The main applications of this fact is the existence of canonical models without P-points, and models without P-points with the continuum arbitrarily large. The technical details of the argument in [1] are somewhat complicated. I will demonstrate that the ω -product of Silver posets kills P-points. This proof uses the same core idea as the corresponding result for the Silver poset and avoids most of the technical details. Although the result is weaker than the original one, it is still sufficient for the mentioned applications.

[1] Chodounský, D., Guzmán, O., There are no P-points in Silver extensions, preprint.