

HECHLER'S THEOREM FOR TALL ANALYTIC P-IDEALS

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Abstract: We prove the following version of Hechler's classical theorem: For each partially ordered set (Q, \leq) with the property that every countable subset of Q has a strict upper bound in Q , there is a ccc forcing notion such that in the generic extension for each tall analytic P-ideal \mathcal{I} (coded in the ground model) a cofinal subset of $(\mathcal{I}, \subseteq^*)$ is order isomorphic to (Q, \leq) .

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