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Trevor M. Wilson* (twilson@math.uci.edu). *Absolutely complementing trees and generic absoluteness.*

We introduce a method for building an absolute complement for a given tree, assuming many failures of covering with respect to constructibility from the tree. As an application, we derive connections between universal Baireness and generic absoluteness appearing around the level of $(\Sigma_1^2)^{\text{Hom}\infty}$ sets of reals analogous to those established by Feng–Magidor–Woodin around the level of Σ_2^1 sets of reals. (Received August 11, 2013)