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Chris J. Conidis^{*} (cconidis@math.uwaterloo.ca), Department of Pure Mathematics, University of Waterloo, 200 University Avenue West, Waterloo, ON N2L 3G1, Canada. A hyperimmune-low basis theorem for infinitely branching trees.

We will define a class of infinitely branching trees for which there is a hyperimmune-low basis theorem, showing that it is possible to prove low basis theorems in a noncompact setting. (Received September 13, 2010)