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Eric S Egge* (eegge@carleton.edu), Department of Mathematics and Statistics, Carleton College, Northfield, MN 55057. *A New Notion of Noncontiguous Containment for Ordered, Rooted Trees*. Preliminary report.

Inspired, perhaps, by the vast and growing literature on patterns in permutations, over the last decade several authors have proposed and studied definitions of containment and avoidance for various classes of trees, most often full binary trees. In this talk I will give yet another definition of containment for trees, describe how this definition connects containment in (not necessarily full) binary trees with classical pattern containment in permutations, and discuss some new enumerative results. Some of these results will involve ternary trees avoiding various sets of patterns, while others will concern the number of occurrences of various binary trees in other binary trees. (Received July 28, 2015)