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*Multi-parameter hook formula for labelled trees*

Several hook summation formulae for binary trees have appeared recently in the literature. In this talk we present an analogous formula for unordered increasing trees of size  $r$ , which involves  $O(r^2)$  parameters, while most formulae in the literature have a fixed number of parameters. The right-hand side can be written nicely as a product of degree 1 or 2 factors. The proof of the formula is bijective, involving some new operation of "stitching" chains to reconstruct a tree.