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Ingrid Daubechies* (ingrid@math.princeton.edu), Princeton University, 218 Fine Hall,
Princeton, NJ 08544. *Tree Approximation and Images*.

The presentation presents joint work with A. Cohen, W. Dahner and R. De Vore, which introduces nonlinear tree approximation, a natural framework for many state-of-the-art image coders. Both positive and negative results will be discussed. (Received September 29, 2000)