

1096-C5-434

Anne M Burns* (aburns@liu.edu), Mathematics Department, Long Island University,
Brookville, NY 11548. *Fractal Trees Inspired by Iterating Rational Functions*. Preliminary report.

A picture is worth many pages of computations. This talk will show one way in which color can be used to visualize structure in a complex mathematical system. The tree-like structures that become evident from the pictures can be designed geometrically; by changing parameters an infinite variety of fractal trees and tree-like designs can be constructed. (Received September 03, 2013)