



**planetmath.org**

Math for the people, by the people.

**BB(alpha) tree**

Canonical name	BBalphaTree
Date of creation	2013-03-22 17:22:16
Last modified on	2013-03-22 17:22:16
Owner	Mathprof (13753)
Last modified by	Mathprof (13753)
Numerical id	4
Author	Mathprof (13753)
Entry type	Definition
Classification	msc 68P05
Classification	msc 68P10

A  $BB(\alpha)$  tree is a binary tree where the balance of every subtree,  $\rho(T')$ , is bounded by  $\alpha \leq \rho(T') \leq 1 - \alpha$ .