

Binomial Heaps

An alternate definition:

- ▶ a binomial **tree**¹ of rank r is a node with r children, t_1, \dots, t_r , which each t_i is a binomial tree of rank $r - i$.
- ▶ Does this hold for your drawings of rank 4 and rank 5 trees?

¹This slide originally said “a binomial heap of rank r ...”. This was an error. I mentioned this error during lecture, but it would have been easy to miss that comment. But, one can observe this error because heaps don't have a rank, only binomial trees have a rank. It is incorrect to say that a heap has a rank.