

Hash Functions m = size of hashtable value % m · ensures that hashed index is within the table range. Growd Hack functions? A More @ tutorial A

Bond hash fination

(Sum of digits) % 7

key

sum(30666910) % 7

31 % 7 = (1)

Same hosted

(Sum

index

fill

Sum

(29378011)% 7

Best hashing method is using both positional & formula hash

(Sum (digits) - id [0]) * id [1] % m

formula positional

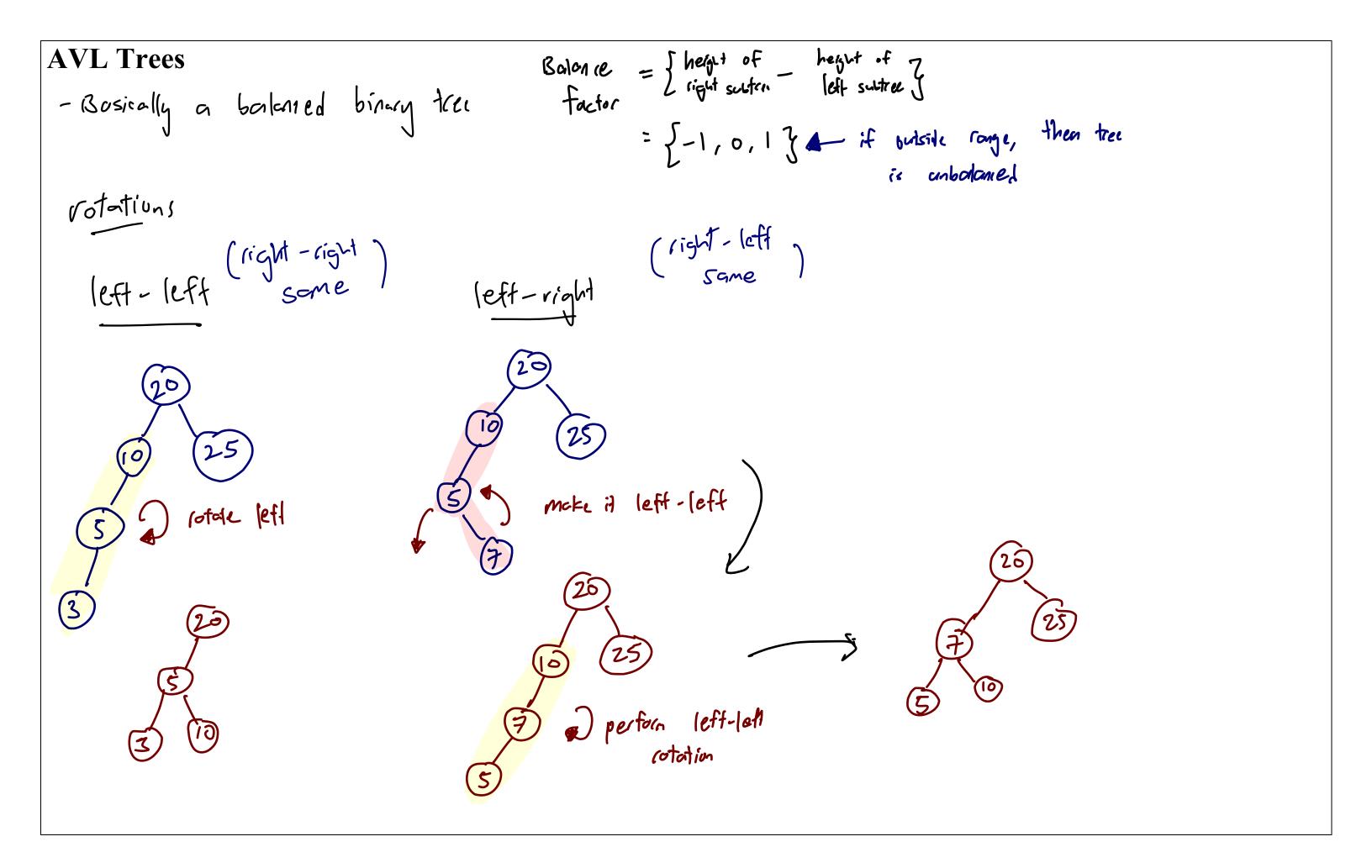
For a given hash table of size m = 13, and a hash function of total(ord(s[i...n]))mod(m), and a secondary hash table of size m = 7 and a hash function of total(ord(s[i...n]))mod(s[i...n]))mod(s[i...n]) and total(ord(s[i...n]))mod(s[i...n]))mod(s[i...n]) and total(ord(s[i...n]))mod(s[i...n]) by total(ord(s[i...n]))mod(s[i...n])

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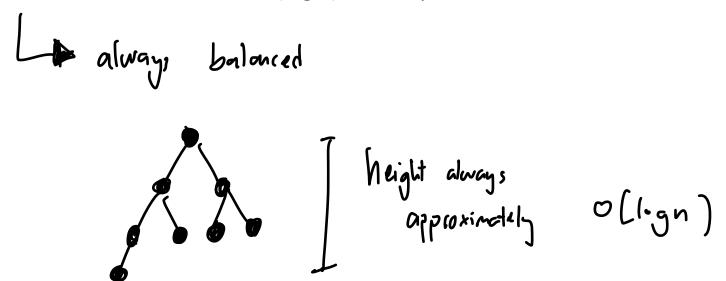
Cuckoo hash all the elements & show each iteration.

What is wrong with this hash function, or hash table?

More than 2 elements share the some index for Hashtable 2.



Show that AVL trees of n-nodes take O(log n) time to perform an insert & rotation.



When do I use an AVL tree, when do I use a Hash Table?

