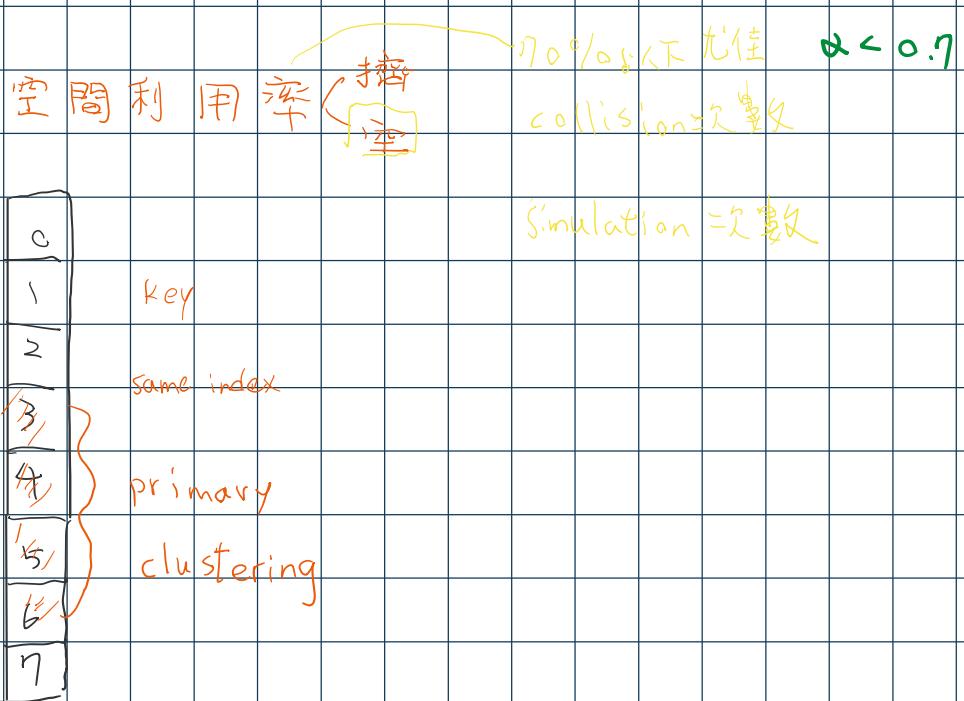


Data locality

2025年11月18日 下午 03:25

What is probing



Quadratic Probing

5855073...

Time Complexity

Separate Chaining

Operation	Best	Average	Worst	Remarks
Search	$O(1)$	$O(1 + \alpha)$	$O(n)$	Average-case constant if α small
Insert	$O(1)$	$O(1)$	$O(n)$	Append to short chain
Delete	$O(1)$	$O(1)$	$O(n)$	Search + unlink node

$$T_{avg} \approx O(1 + n/m) = O(1 + \alpha)$$

mod 值。已改

Double Hashing