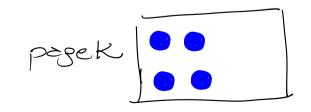
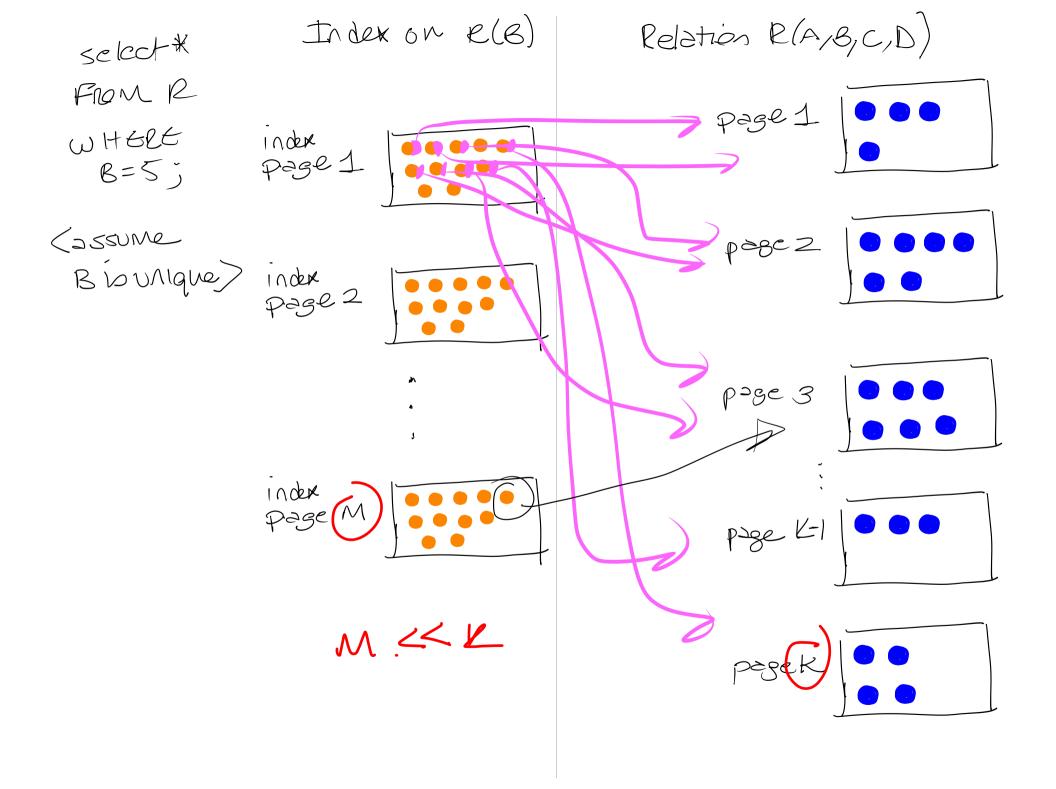
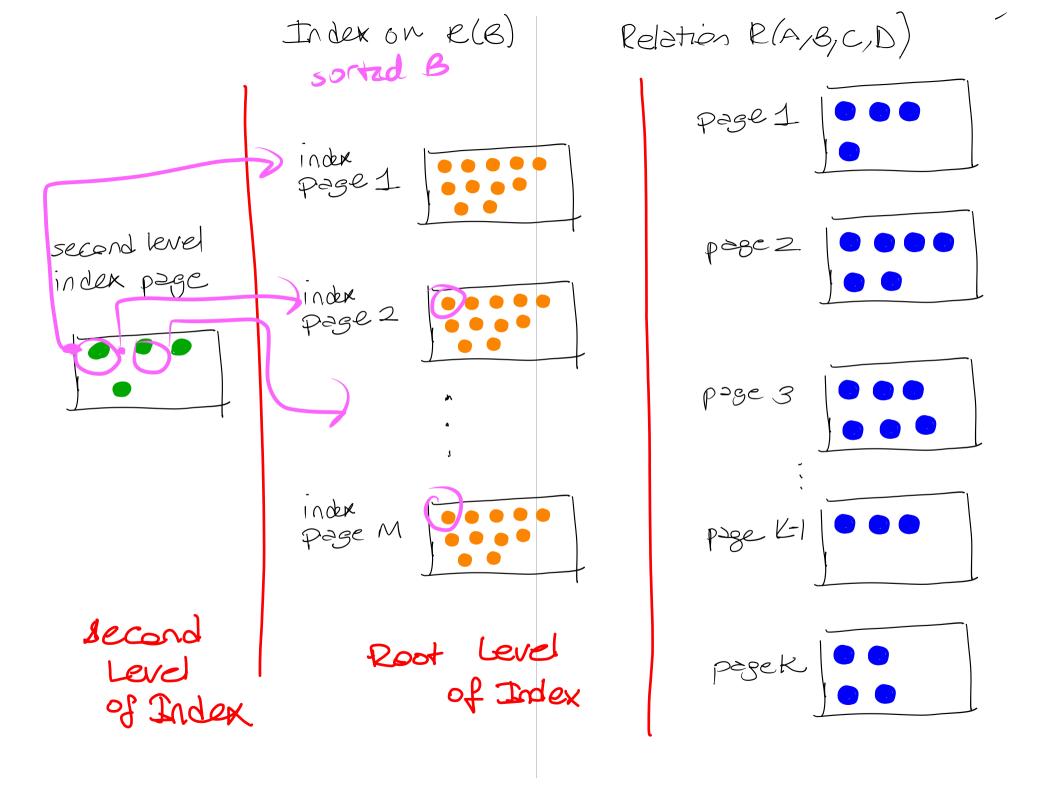
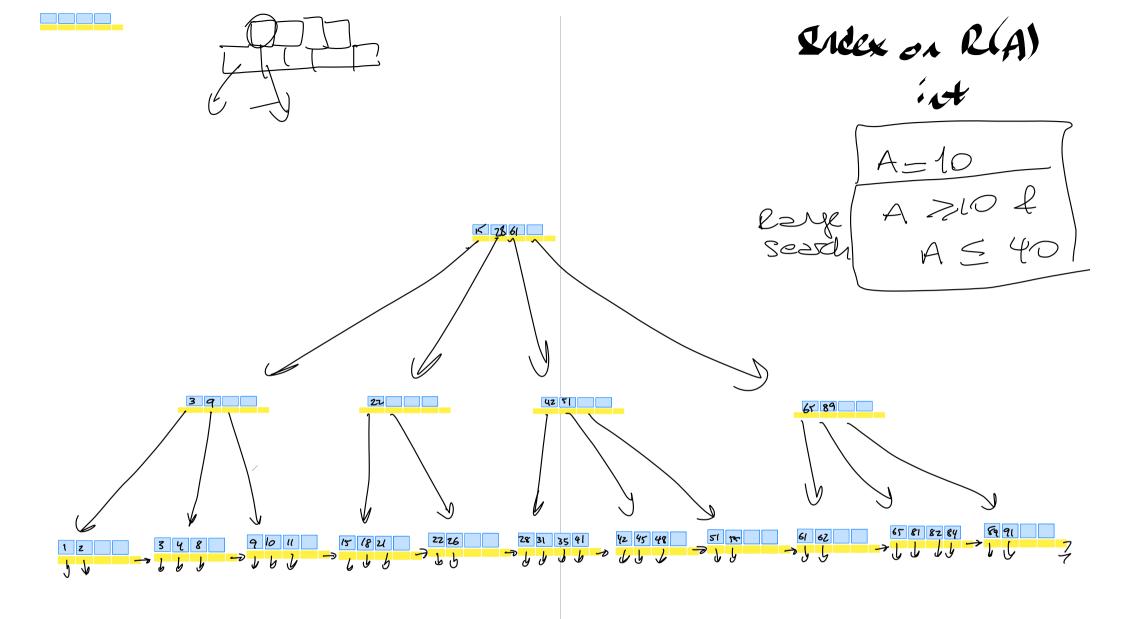
Indexing notes

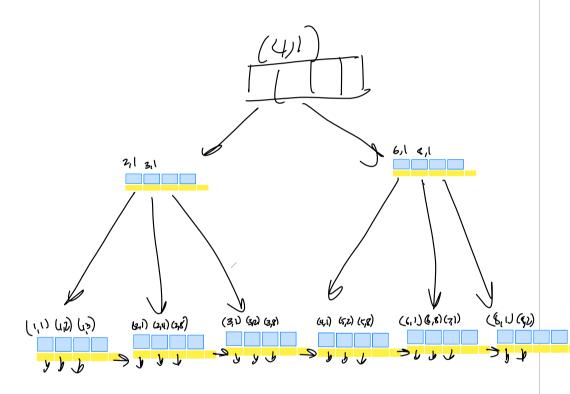
INDEX ON R(B) Select B FROM R ORBER BY B B value pointer to tuple Relation R(A/B,C,D)

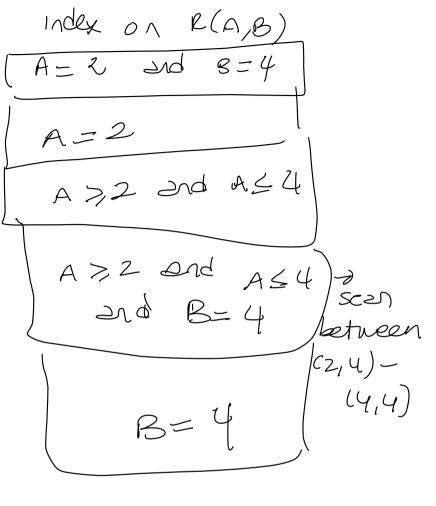


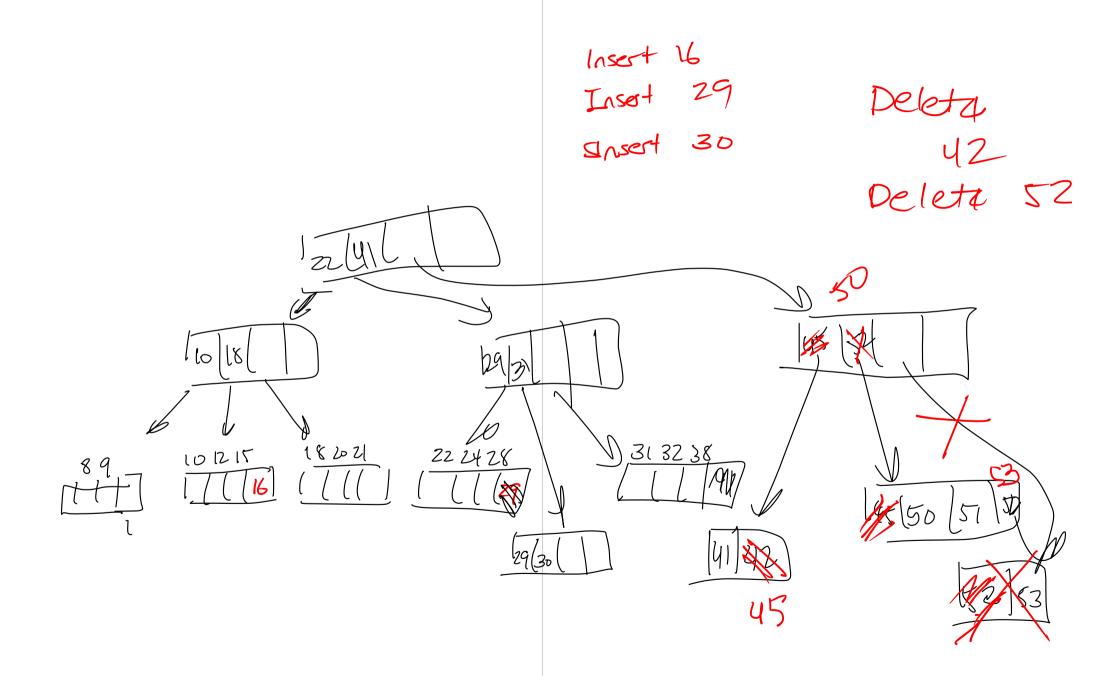


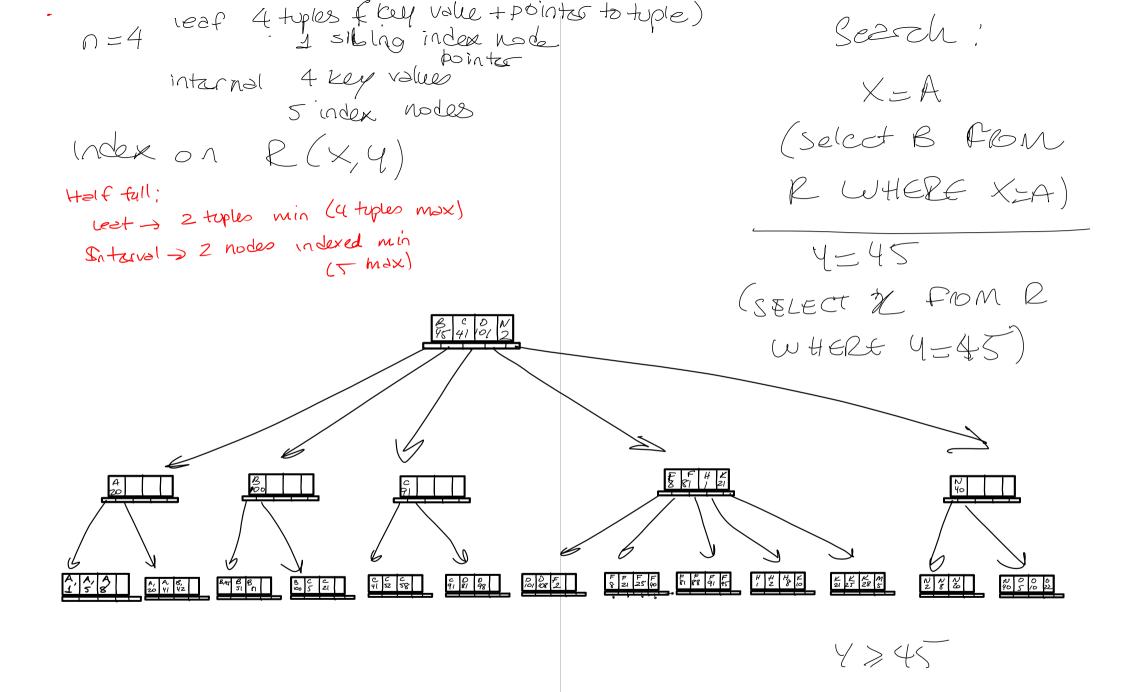




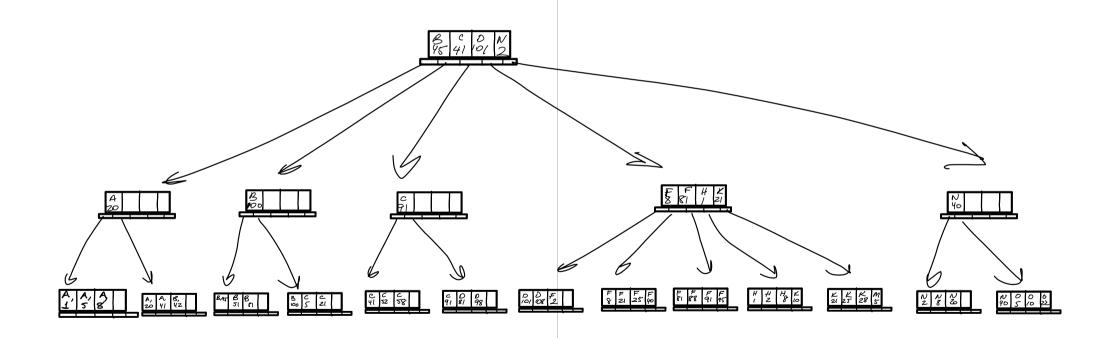




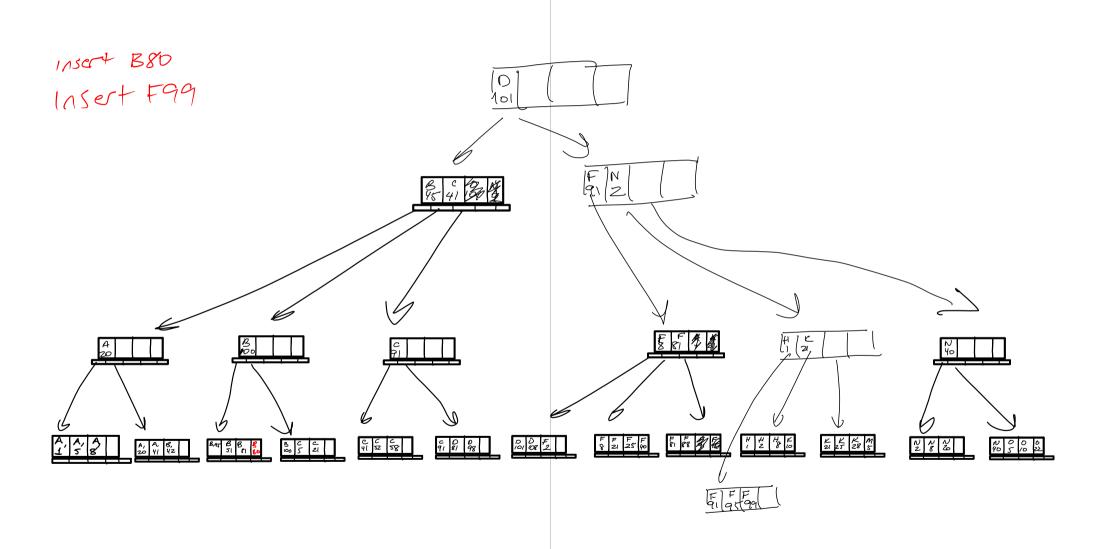




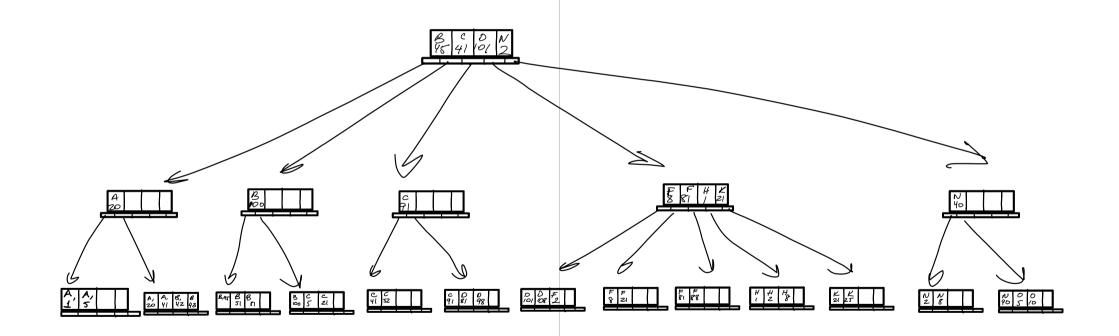
Insertion Exemple



Insertion Example

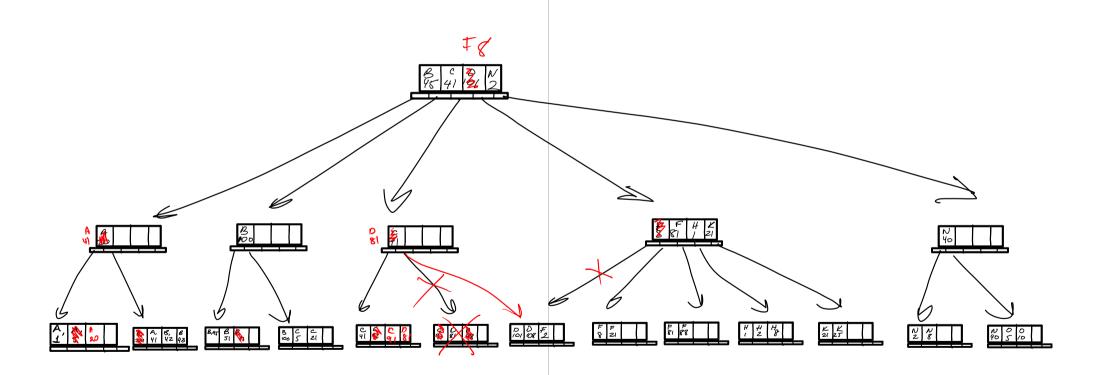


Deletion Example

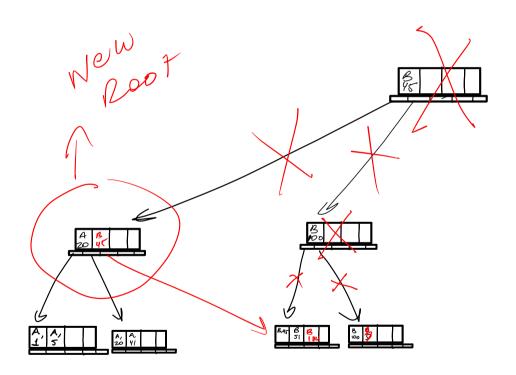


Deletion Example

Deleta B81
Deleta AS
Deleta C52
Deleta 098

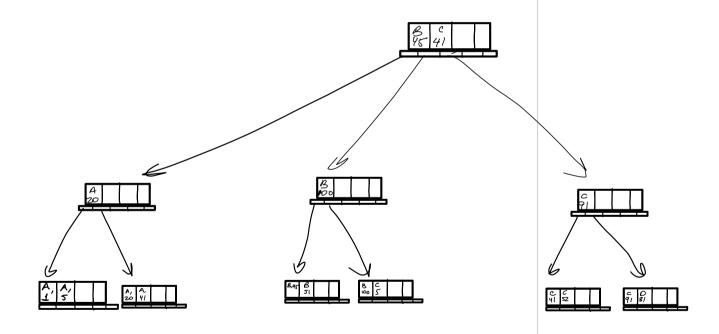


Deletion Exemple

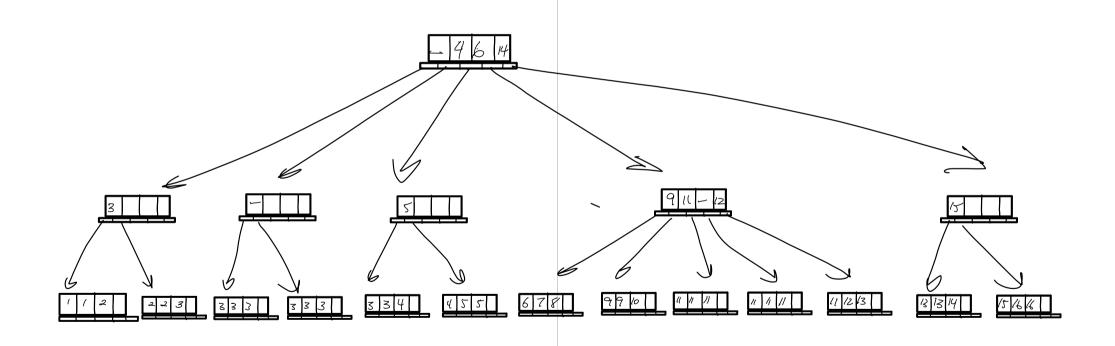


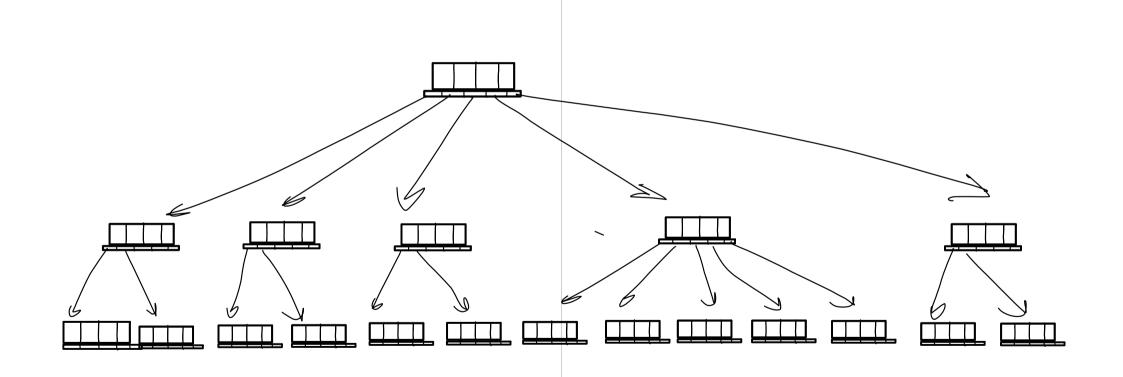
Deleta C5

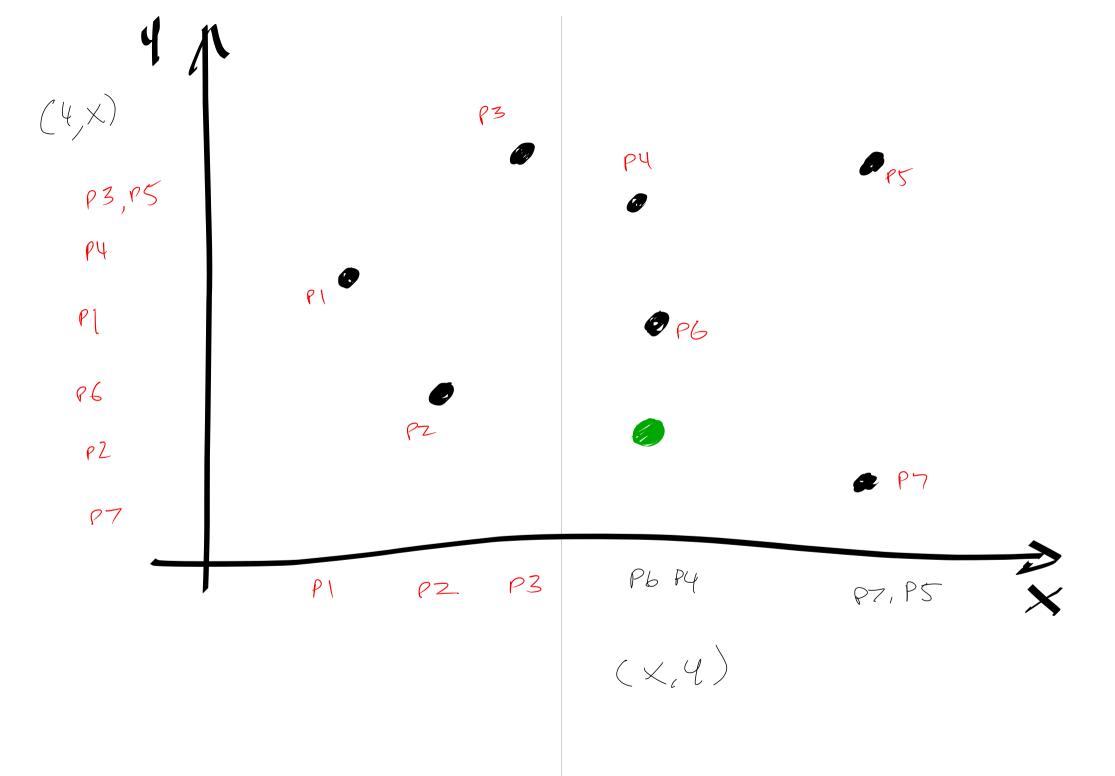
Deletion Example 2

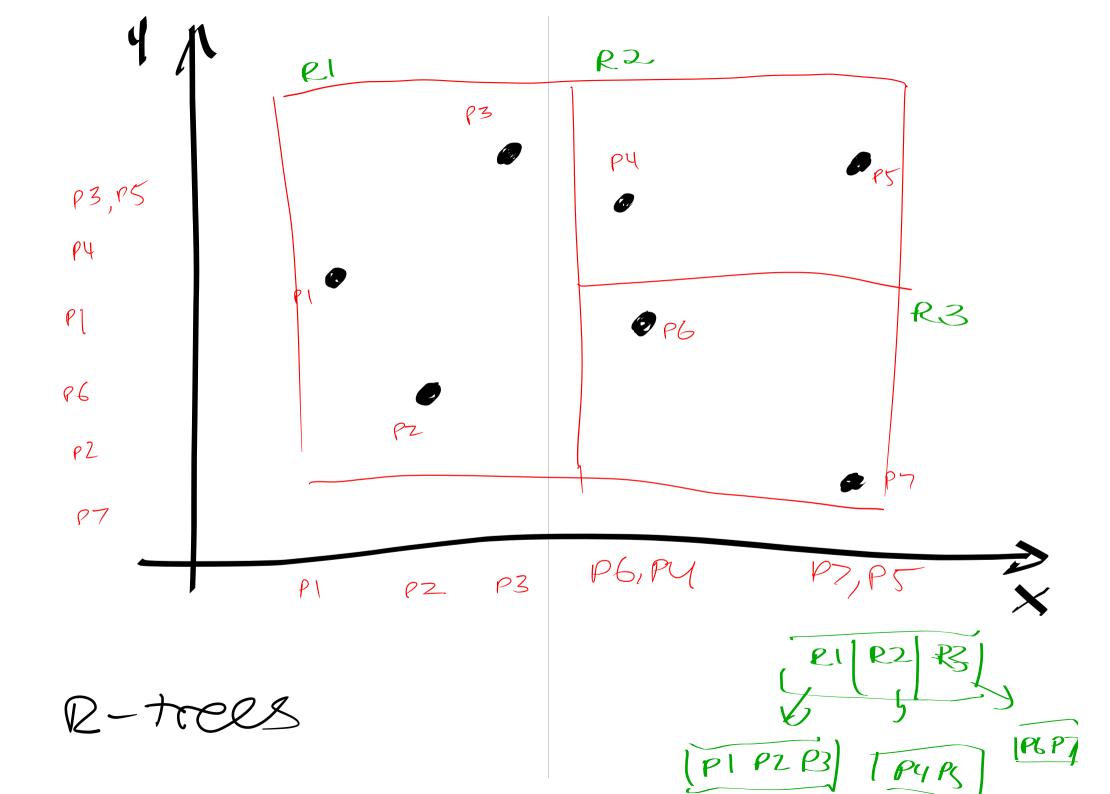


Indexing duplicata

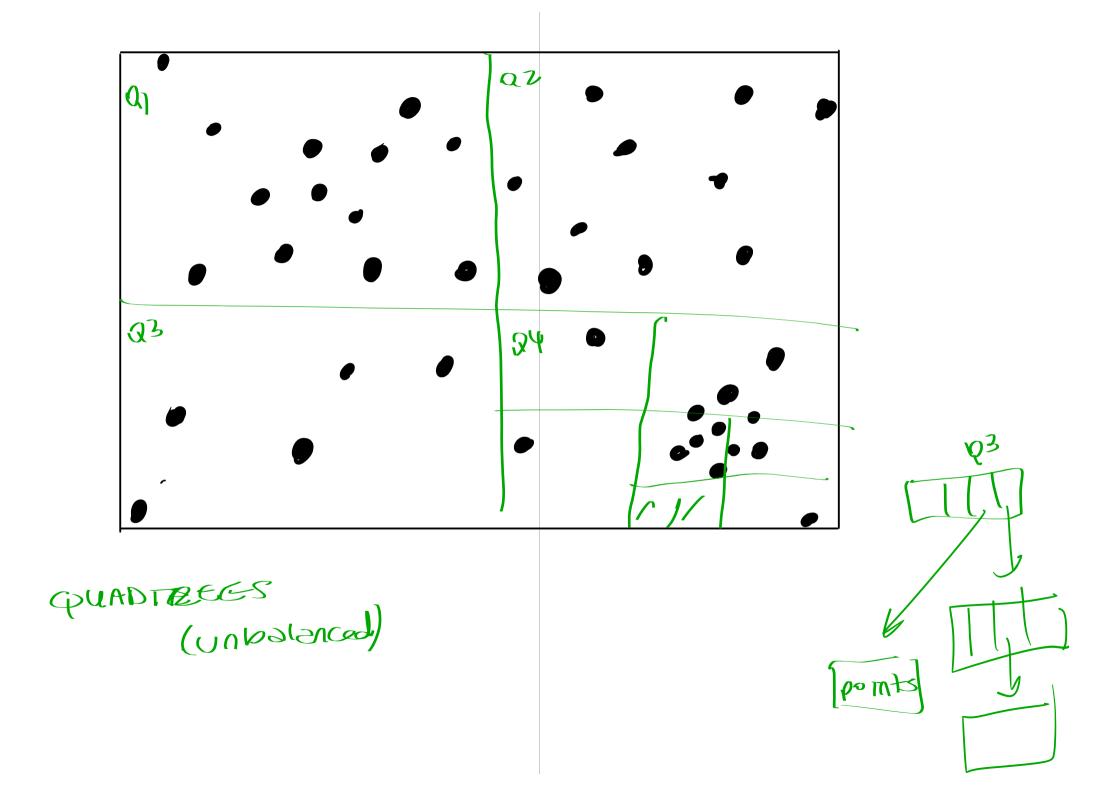








R-trees 66 62 63 GI 64 65 Rlo G6 67 64 65 (63 62 61 21 ez R3 e4/



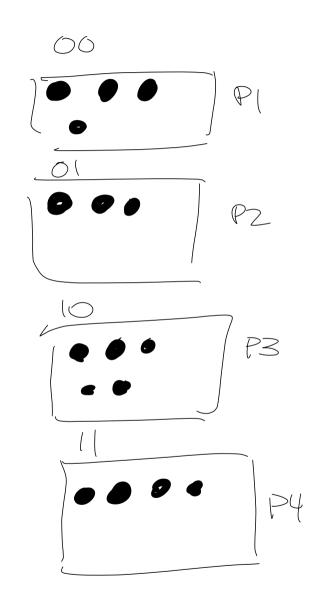
Hesting to h(+,A), his

h(+)____

Search SELECT X FROM P

WHERE A = 25

h(25) --- -> 6



Hashing

