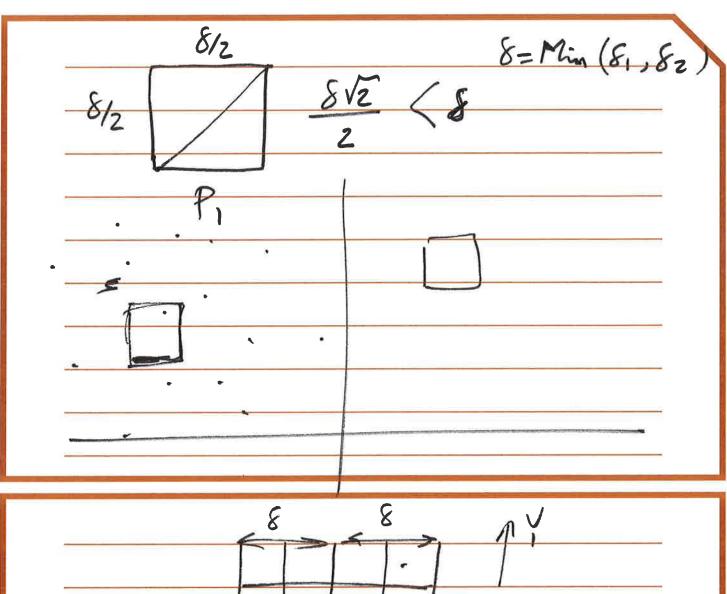
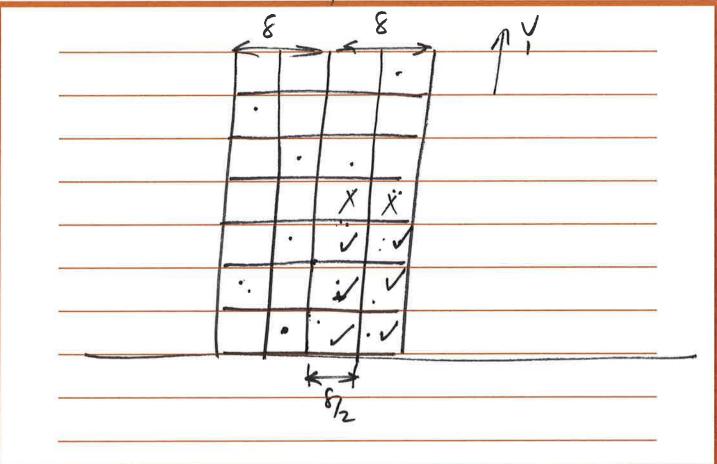


	compine, we need to look at following a	u
2_	both points are in P,	
> 3-	onept. in P, & one pt. in P2	
-		





O(169")

Closest-pais (P)

Construct Pu : list of pts sorted

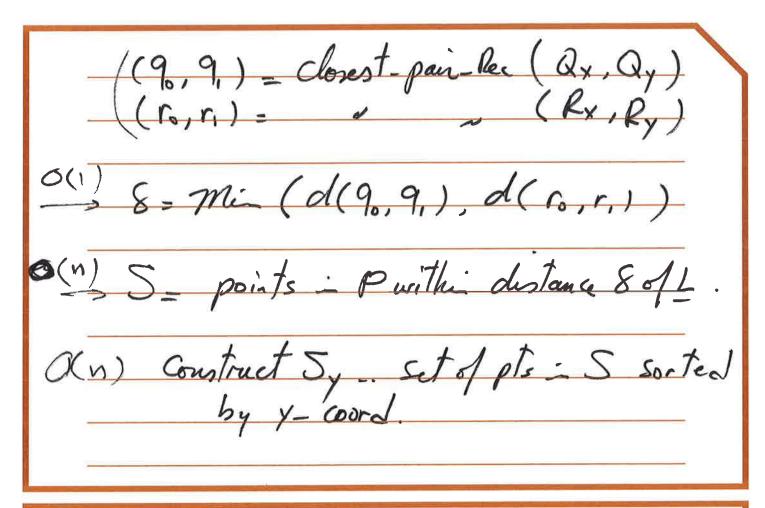
hy x-coord.

Py : list of pts sorted

hy y-coord.

(po, po) = closest-pair-Rec (Px, Px)

Closest-pair-Pec (Px, Py)
closest-pair-Pec (Px, Py) I 191 & 3 the trivial case, solve it directly
ebe
O(1) = construct Qx left half of Px
O(n) - Qy list of pts in Qx
(1) Construct Kx sight half of Px
Sorted by Y-Coord. Sorted by Y-Coord. Sorted by Y-Coord. Sorted by Y-Coord.
Sorled by 4- Good.



For each pt: SESy, Compute distance

O(n) from s to each of next 11 pts.

in Sy. Let (s,s') be pair

w/ min distance

O(1) Return (s,s')

else d(9,9,) (d(ro,r,) the

Return (9,9,)

else Return (ro,r,)

endif

