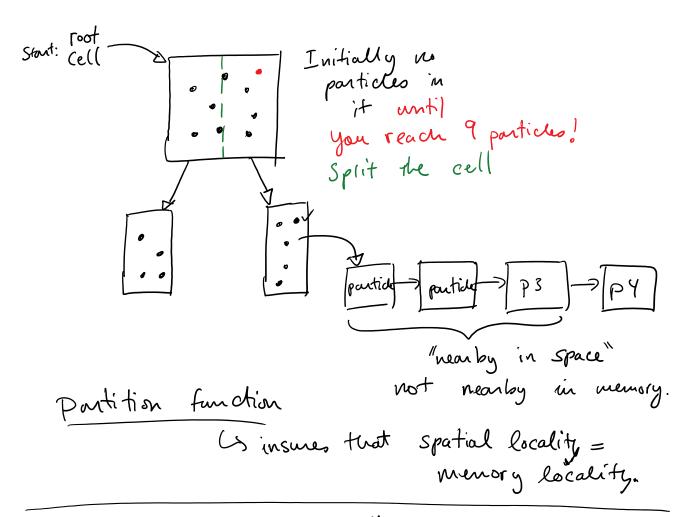
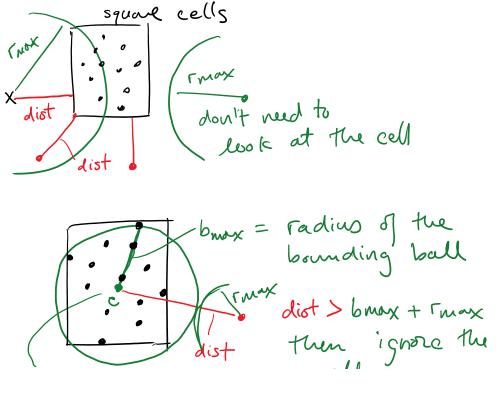
Another tree construction method:





At The best cell.

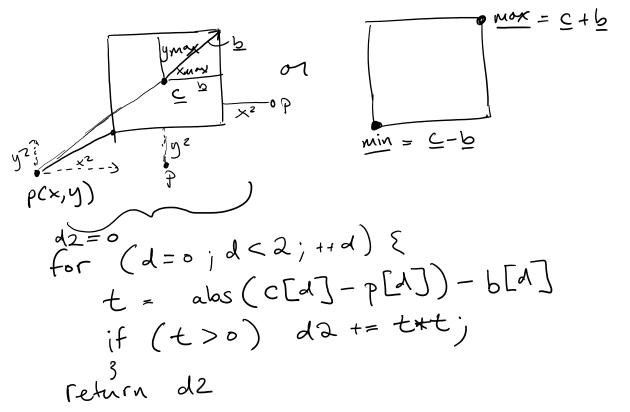
Center is the one of the tightest bounding ball.

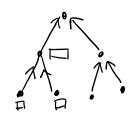
A Only need to do this for leaf alls.

parent cell's broax

(easy to calculate)

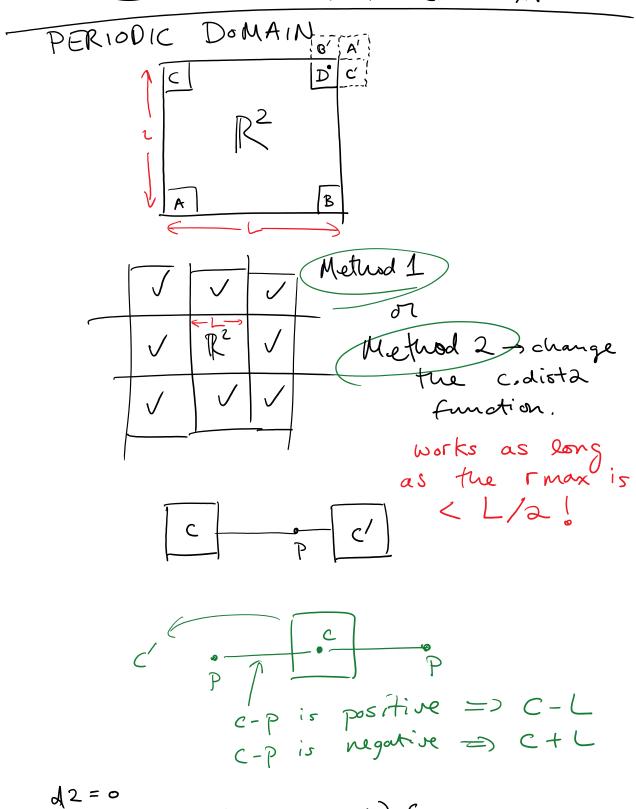
Ball-box Test again:





Reconsion was made for tree algorithms! LNR - left-node-right traversal of tree! lur (c) if (c!=Null) { enr (c-> left) print (c-> data) => hdibeajfcq 'lnr (c -> right) NLR => abdhiecfig "WALKING the Tree" def BALLWALK (C, I, 12 max): __ square of ball radius if coisteaf: for a in A[c.lower: c.upper+1]: if dist2(=, a.r) < r2max; ttcnt else: c. left. dist2(r) < r2max; cut += BALLWALK(e, left, r, ramax) if c. right. dist 2 (r) < r2max: cnt += BALLWALK(c.right, r, r2max) return ent Fr2 max 7 => returns the number

distance max.



$$d2 = 0$$

 $for(d = 0; dC2; ++d) {$
 $t = C[d] - p[d];$
 $if(t<0) t1 = t+L$

else t1=t-L t = abs(t) - b[d]t1 = als(t1) - b[d] if (t1<t) t=t1 = might be using the if (t>0) d2 t=t+t "image" cell here!