Tuesday, October 27, 2009

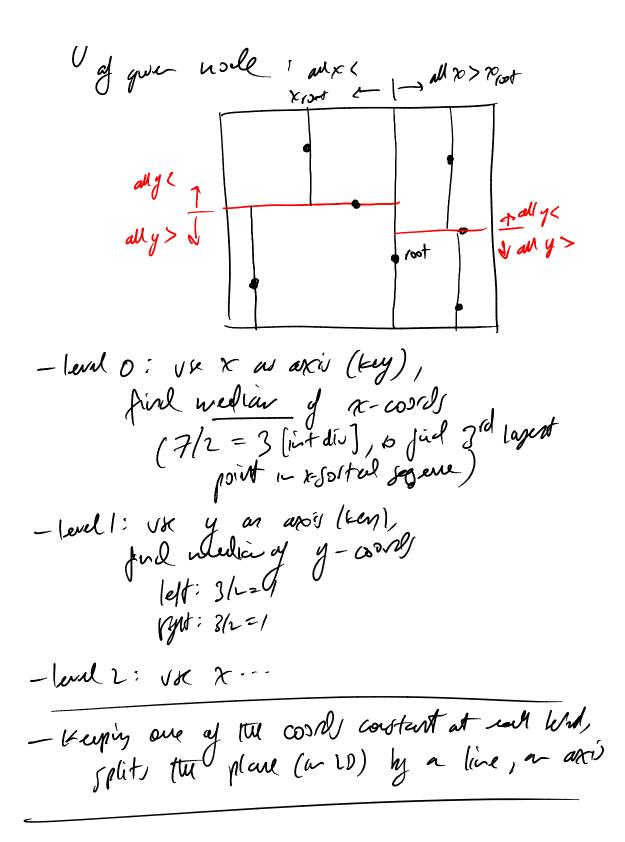
Kd-trus (512.6 in terst) - Here and doth structures for organizing e.g. K-direvsoral dorte sub a point in 2-space on 3-space - in computer graphics they one a sportal subdivision method (ADT) -you (your player) ey; a 2) gane som are have (going print) [·] (20/) Ocifiele (201) (X)) - all signed has a certain (they don it move) - the kd-tree is primarily sheet to answer the grang : which is the closest shout to of > nearest- neightor (greng-point) K_nearest-ughlos (K, grey-point) particularly useful in photon unopper like a 2-pm pay frier dont plater for 1MTr ۱٠

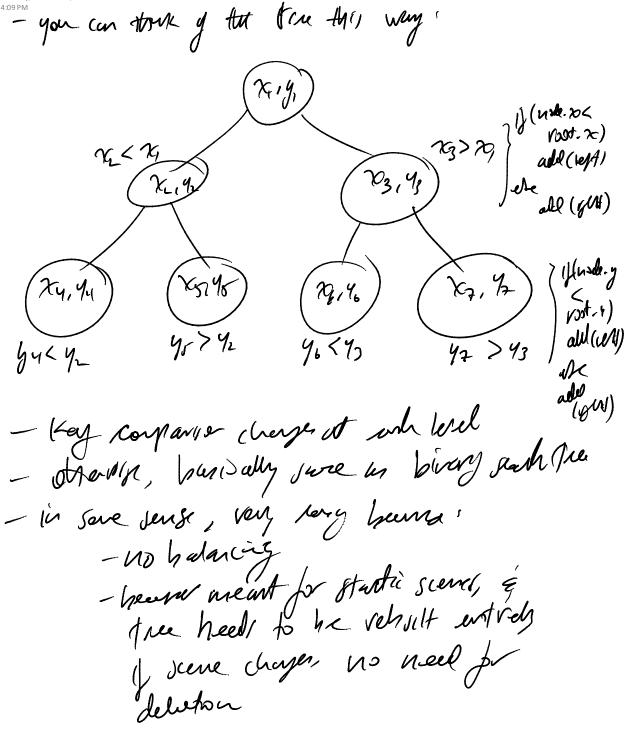
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pan 1: short ploter for yes (they "stude" to surprises) pappi at when very / superce LIM interpeters, find K cloyer flister, Impound option wind hos hours was blow from, fune - caustie - other sporting subdunion aly; BSP free (Givening spine partition) -main stilitz, un quertes, - naive appoach my location is (ny) Vmin = 0) for each dijert in Scere ? / 11 constre distance $V = \sqrt{(\pi - \pi i)^2 + (y - y i)^2}$ if (IC Imir) ? Ymin = r

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Ymin = r closest_object = i - what's conney fire? O(a) for a digette -we want O(lyn), es if n = 1,000,000 $log_{lo} n = 6$ ayest a true, but her to pute a key for early (x,y) "pairs"? - and: pick x at first level, then alterate





- hanie vije needed at nodes glint Klade ? int axis 1/ which apoin this nocle split or T date, mir, mays; KNOLE & Left for range queire Kdarde to vyht (can also all kelNode & powent) Ś 1 x, mig mink, miny (πi) ·(%, (Minr,y (2(y) 160t mator more y (pinasoy left(shlue) boudy low (missing), (rimany) - Note this is different from what's in lab labs's kid-true Itores donte only in heaver, here, we the date at the work

