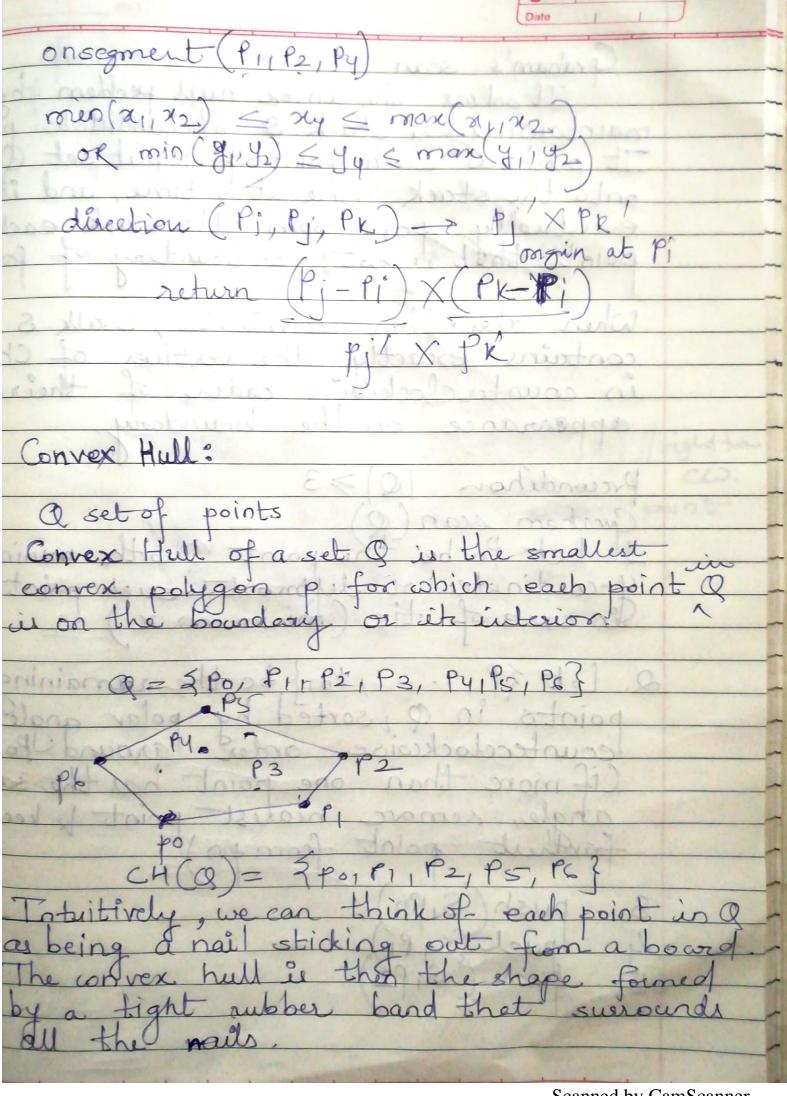


Scanned by CamScanner



Graham's scan: It solves the convex hull peoplem by maintaining a stack & of condidate points
It pushed each point of input set Q onto the stack one at a time, and it eventually poor from the stack each point that is not on boundary of polygous When algorithm terminates, stalk S contains exactly the vertices of CH(O) in counterclockwise order of their appearance on the boundary, Precondition [Q] > 3 Graham sean (Q)
1. Let Po be the point Q with minimum 4-coedinate or lettrost such point In case of the (minimum x) 2. Let 3/11. Pin be the remaining points in Q sorted by polar angle in counterclockwise order around if more than one point has the same angle, remove nealest point & keep farthest point from too) Bush (SIPS

