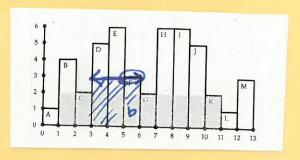
goal: find a rectangle with max area. Given: S = set of (assume input is sorted) buildings bes is defined by left right Try 1: (G(n3) For each building b & S choose left for each building b' the ES choose right. for each building bothn b, b' I find min hight end for "all combinations" end for end for

7 Oct 2019

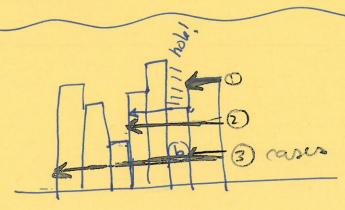


Try 2: \(\Omega(n^2)\) - height first approach

(con)

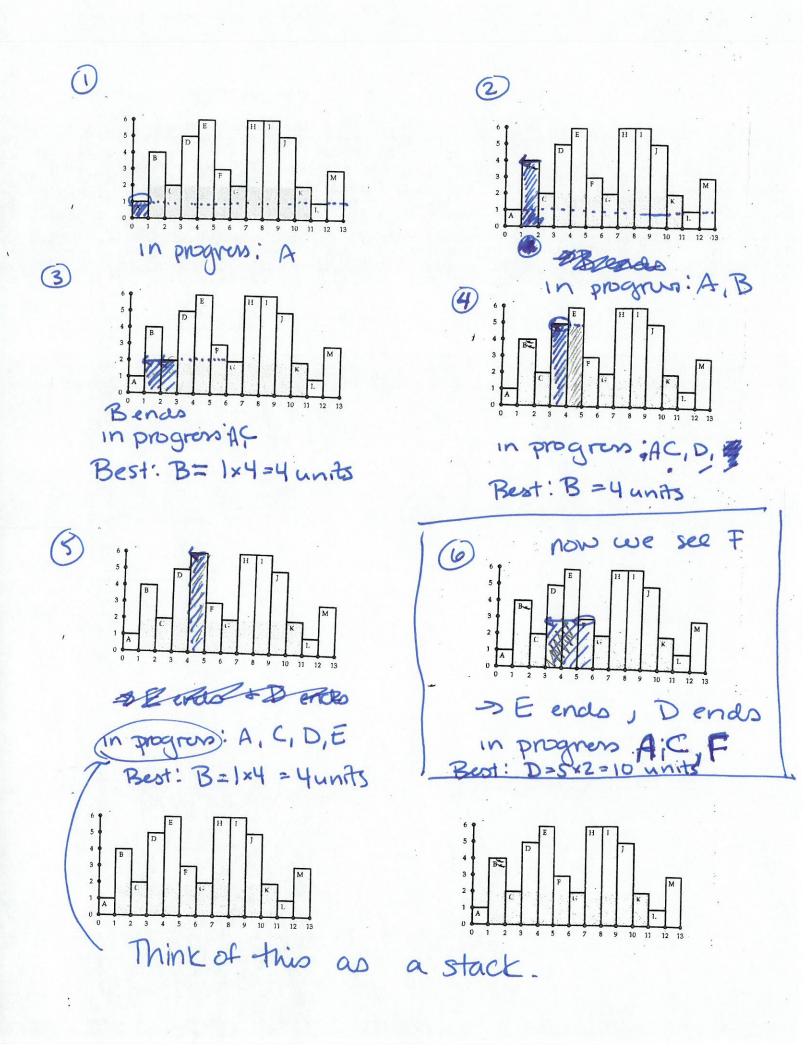
(co

(a) operations



instrad: let's use a stack.

+ carefully count.



charging ops:

c:= actual cost

ĉ:= armortized cost

2ĉ; 2 Zc;