R= rabbits

Problem: maximum value of R happens when?

$$R=0$$
 or $b=eF \rightarrow F=\frac{b}{e}$

maxarmin? second dervatue!

$$R^{11} = eF^{1}R$$

ready, remove Catsone constrate, ask; max coventalm AB?

rate -> K+ A&BB = Reads each reachin -> gres & C's & do's rak = k- Cops=react = dc = k+AxBBx - dc =-k-crpsx in total: = de + AxBBr-k-crD8r

de = 0 => k+ ABB = k- con ex

1 = K+ AB13

K= AxBB | CxD& = k+ AxBB = k-

2C = K+A&BB-K-CBD68-rC rate of removal

maximize C!

Set = 0 k+ AxBBx-k-CxDsx-rC=0 what is mark C?

K+ A B r = k-C D r-rc

solu to C?