ASB JCA = KCA NB KCA Jt = KCA CA[0] = CA0 = 10 mol K = 0.001 L M.S John Fin. 2A -> B P1.

CA CB

Batch

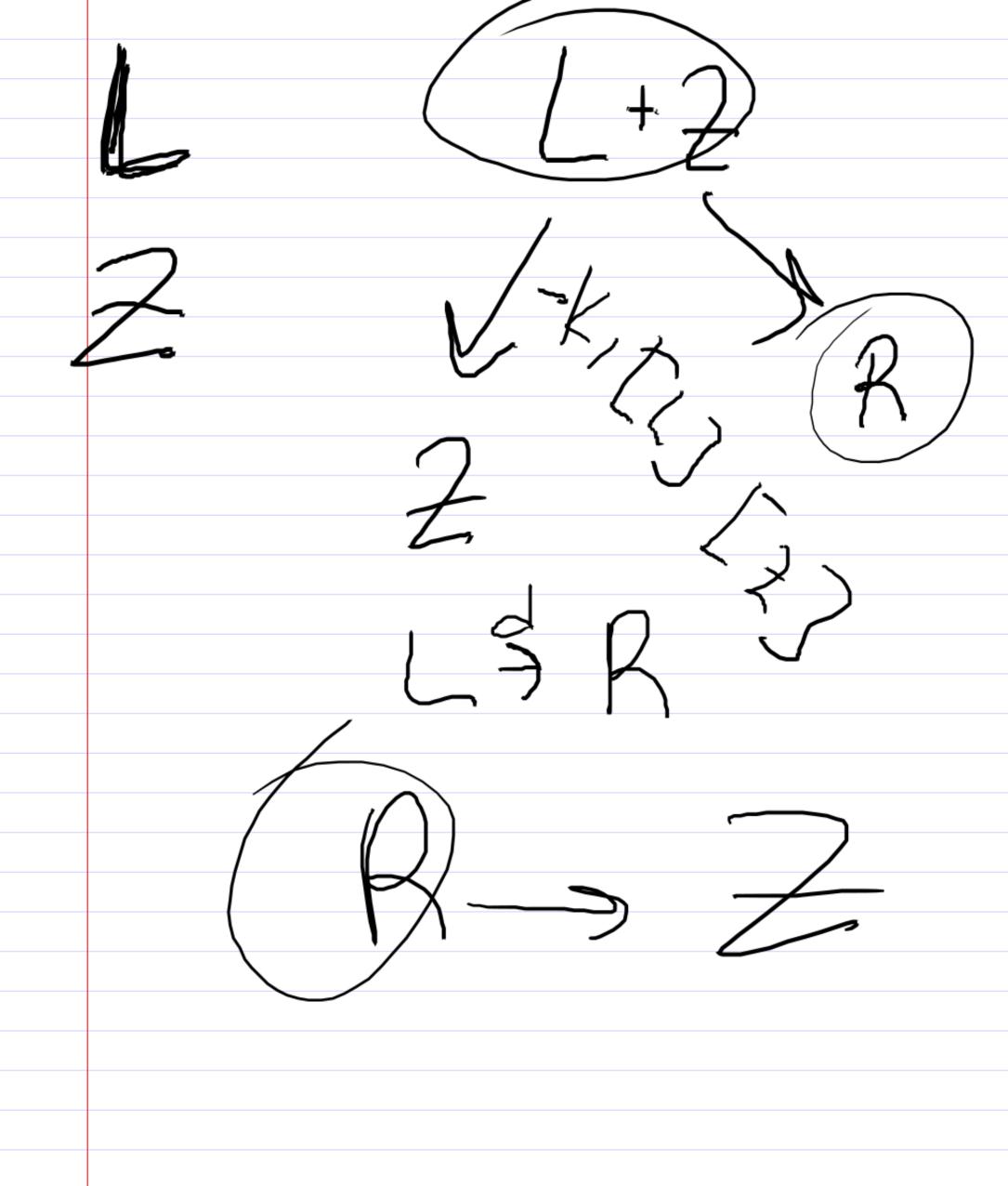
A + B = 11

Batch

K=11

B + C = 11 C4= 1 CB=1 1) C (t) C<2 0 Cn3 0 2) Selectivity (c) $S = \frac{1}{(1+1)^{3}}, S(0)=1.$ SPAJCA = (CACB) 1CB = -K, CACB - K2CCB KICACB-K2CBC de Local d Ga/1t= - [, J CB/dt = d Cc/st = 1, - 12 time_stast= finish = 3

· - 3.



Striving - Susceptible 21-20mbre Br-20mores (dead) P_population bisth rate d-death prob. S-3 R B > chance S 9 infected > 2 G-9 Zombie R-52 resurrad. A > S+2 > A+5 humann Killing Jambie -K[3][2]

Tank mixer. To We want to know

C(t)

T(t)

Tf

Cf tresgy balance. MCpdI = = min ColoTin-Tref) + Most G (Tout -Tref) + 8 - 1 V Godt: BV Cp (Tout - Tin) Valle (Tout - Tin)

mass balance C

VdC = 9(4-Cin)

dC = 9 (Cf-C(t))