2 MFR in suries, T= 6.5.3 K= 0.07 L-hr Co= 18 mol/2 co ky Cy Si

what are intermediate concentration?

you are VP of technology for ZCO.

You have a 500 L MFR (ideal)

In which you can make either

product B or Product C, from raw

material A.

A -> 2B or 2A->C K: 0.3 min⁻¹ K= 0.2 min⁻¹

Data: CA0= 0.5 mol/L.

2= 50 4/min

A costs #5/mol

B sells for #15/mol

C sells for #40/mol

Which product would you make to maximize profits?

Bio medical Modeling

Comparison of enzymatic prodein digestim In stumach us colon.



V= 4.71 L V= 0.2 /hr

L= 15m

[B]= 19%

model stomach as MFR colon on PFR Calc. continuin

Congodision of MFR VS PFR

1) you have a PFR, Zp, XeO. 90, 1 modernon. How large of MFR to got same X? (9, K same)

2) 2 dorder rpn, X=0.90 for PFR. How lange should MFR Be?