OFFICE HOURS 4/18/20180

100/0 = Belowse 900/0 is released (1) Problem 3 Cavg(t) - Cs = ln[8] - D(I) t Constant. What is charging? >D (II) t Consistration = factory x1000 total q. concentration = 9 of drug x100 $R_2 = \frac{R}{\sqrt{2}} \qquad \frac{\text{3 of resin}}{D_2 = \frac{D}{Z}}$ Silvetia 2 Stitutor' Situation 2 $\frac{P}{2}\left(\frac{I}{2P}\right) = \frac{P}{2}\sqrt{2}\left(\frac{I}{2P}\right)$ [m] 24mbor Problem 4 Maroter = NR = N col x 1min x 21Trodion , Rin Lopm

Lopm Muster = 2TNP [m/s]

5h_ = 0.664 Rec Sc 1/2 _x Sx M Shi= 0.664/L841 Shez = 0.664[LBMz] 1/2 5/3 - Equation holds it all flowsregime over the tablet are laminar