ChE 331A (Computer project)
Develop a computer code (programme) to determine the required minmen volume of different repeter- syptems for treating an organic containing newsternites effected. The inputs to the code are
= Flourate of the wasterater = 0.05 - 0.2 m³/min
= 1 - 20 mmol/m ² Repured concentration in the treated stream
$=0.1-2 \text{ min}/\text{m}^3$
Syptem 1: A single PFR 2: A single CITR 3: Two ctivated tanks of any o'ze 4: A combination of a PFR and a MFR 5: A PFR mith recyle
The computer cold should also be able to determine the rote of the vention from the following measurements used to study the degradation of the Engenics in the hostenature samples using a laboratory-scale MFR:
CA, white (mm/e/m3) 1-25 It is expected that CA, exif (mm/e/m3) 0.1-5 the digradation CA, exif (mm/e/m3) 0.1-5 to 110 hs an auto- Catalytic fype of Ventin
you should test your ode with the example of the textbook. Jon who should also plot the visuation.