Twana Dkv ayman Sirwan total M.B acc=id-out rezhin regur phuha Ingun! 3+ = FI - FZ = 0 -Ali hiwa initial Condition M-13 on Salt CA0 = 5 = 0.05 AND CAV = FICAI - FICA 100 dcA = 0.1(2)- 2CA 100 gCx = 0.2 - 2 CA (separatable ODE) (100 = 0.5-5CV + K (100 = - 12 In (0.5-2(4) + 1C) + - 2 $=\frac{1}{50}$ = $\sqrt{(0.2-2(A)-1)}$ Ke-50 = 0.2-2CA CA = 0.2 - Ke-t/so = 0.1 (1-ke-t/50 CA0=0.09 = 0.1 (1-K)e 50 k =-0.05+1 = (0.95) CA =0.1 (1-0-95e-+150) CA130 = 0.1 (1-0.95 e 3%.) Amnount of sult = 100 Calzon: =100 (0.047 = 4.7 Kg