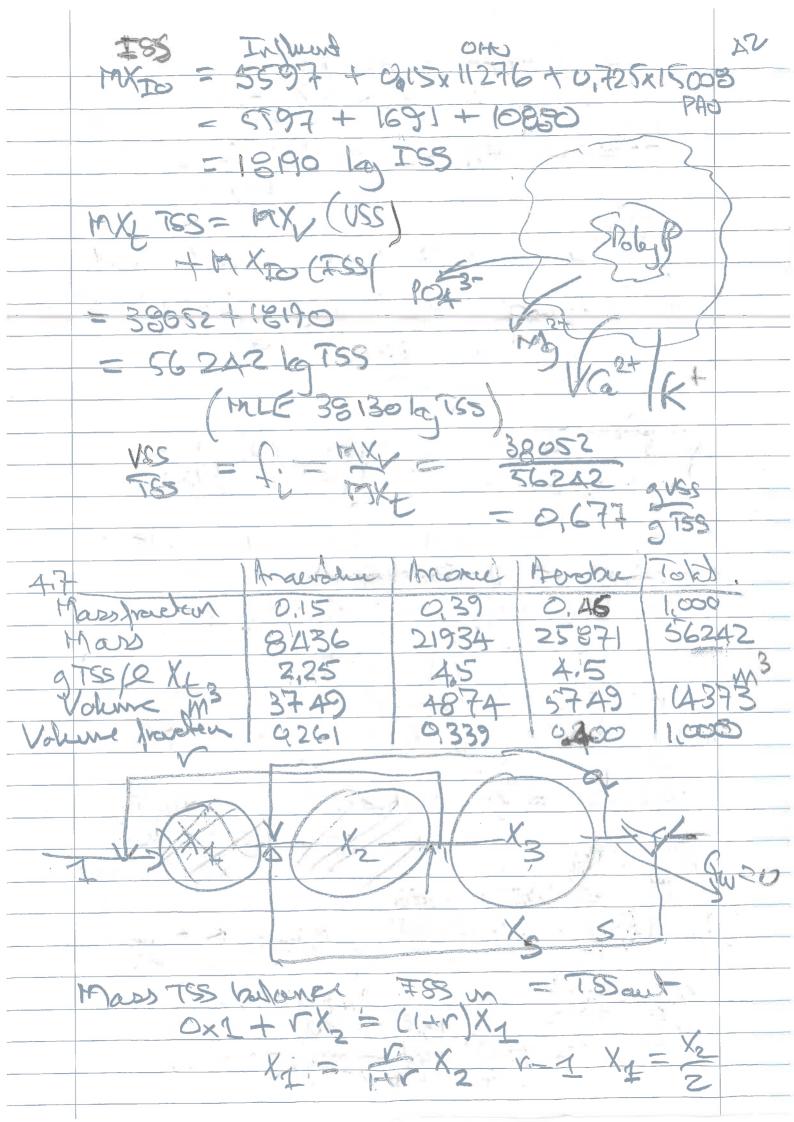
4 OSHAS NL A TO= FX TOURS + FLOND MXBH + FERREM 190,27 422 do.12 PO3 U27x2+4,22x1+0,12x2=1,000 0.27,24+0.22/39+412,40+48/131 ISS 10 9886 / wol ISS 10 = 28.86 = 3,186 9755 fills = 0,15 + 3,285 x 0,175 (443) = 0,7-25 gres/graves



12 Mans balance of anoxie

(1-10/X1 + 5/3 + 0/3 = (0+1+3+1)/2 Balance SST (1+3) X3 = 5X3 X5 = 1+5 X3 (1+r)x + (1+5)x3+ax3 = (a+r+s+1)x2 (1+r)x r + (1+5+a)x3 = (a+r+s+1)x2 Mars fractions 4/09h30HL a X, + X2 Flux 785 washed of FX = MK = 562A2 = 3749 kgTSS FX = QWX = 3749 QW = 3749/45 = 833 m³/dL Now Qw 7 Rs | because 755 cone or not AD = VR us only true for TSS cone the some un all rearter

49 fit = 0.54 = ft for < fram

Cois 0.39 0.549

Kut because bet < fram

Kut because bet < fram

Kut (but 1/8) Noe = (1-fet) HAMT - (BAT +1/3)

HRE = 0.629 (4036 + 1/15) 11-0,54 0.283 - (4036 + 1/15) = 2.31 mgFSA. N/R D-=0,54 Hte = Mause + Mare

Cog N FSA

= 1.1 + 231 = 3.4 mg = 12 Hc = Mti-Ns-Nte Ns= to 20: = 500-102-34 = 0.10 38032 = 36,4 mg NO-14/2 = 10,2 mg N/2 (MLE: 145 = 80 TO, = 4.57 N. Q: = 4.57 x36, Ax 24.875 = 4141 6 4,10 K20 = 0.255 ME OHOUSE, of ASM2 NO 600 ASM 216 = 1622 (108) = 0,255 (108) +.
=0,1874 MJU03-4/(MJOHOUSS,d

PM = Sports (1+rd(1-fcv THV) + FS botto Wat THY B fact = 13.9 (1+1) 9334 + 7034 0,1874,1.603,039 3.2 + 33.1 = 36A mg NO3 N/2 mpheent So for VCT con -B+182+ARC) not ewo-A = 0a/2,86 = 2/2,86 = 07 B= Nc - Dy + (541)0a + 508 36.4-36.4+ 2x2+1x1 C= (8+1) (Dy - 50s | 2,86 - (1), V-1 | 2,86 | - 5 Nc (1+1)/3/4.4-1/3/5 1×36.4 + U1.312 + 4×6,7×35.7 -5,85! Than so 6! then

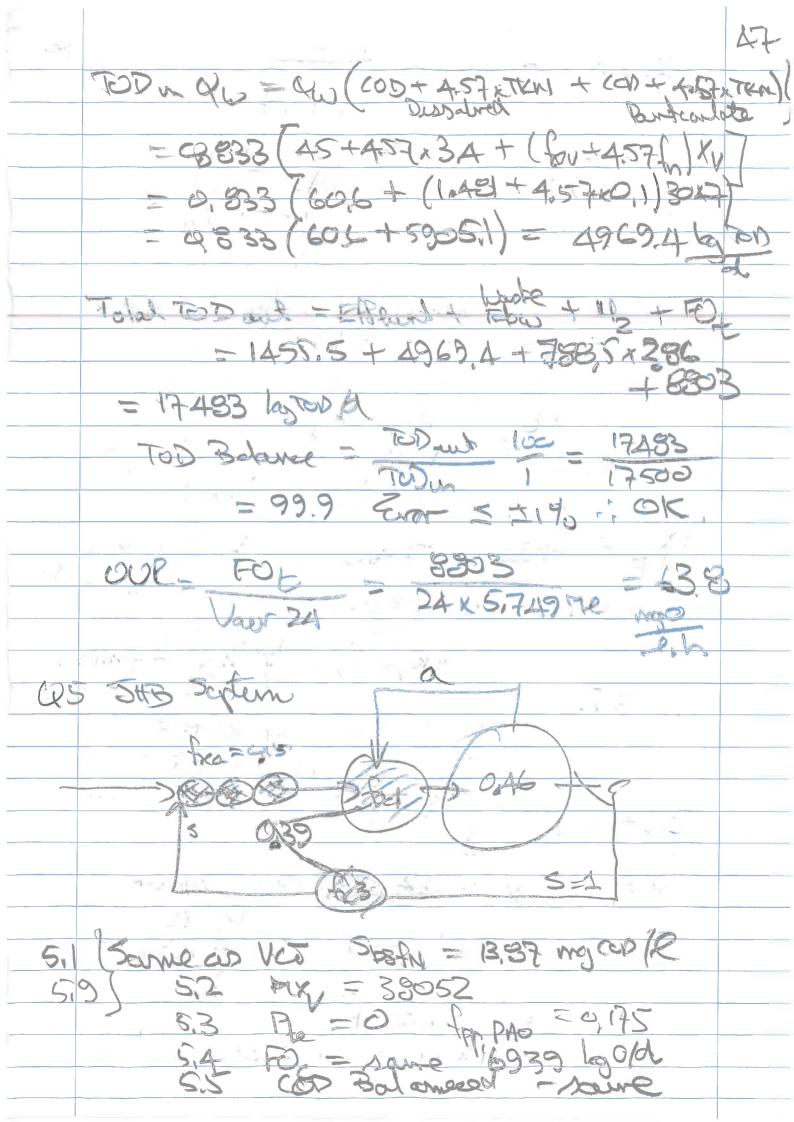
applied 5 35 so close to

applied 50 587 so close

to Balanced 5RI for WIT

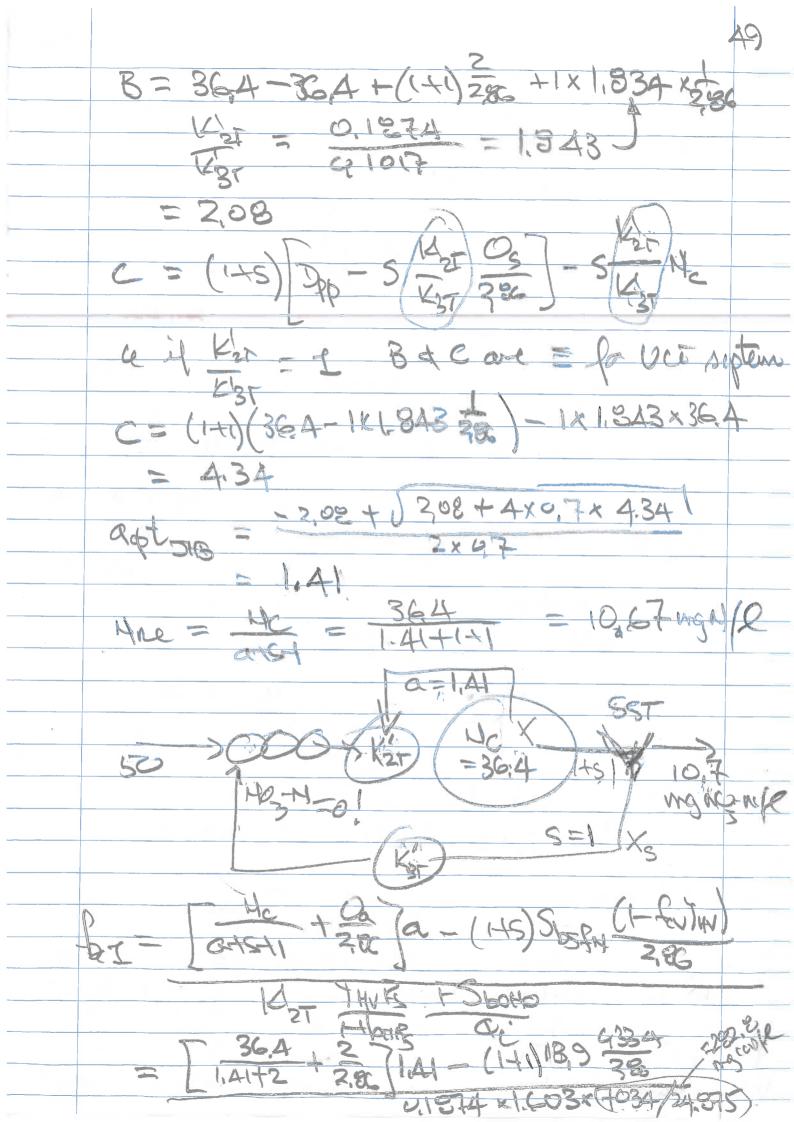
soptem, UCT

Mre = 24541 5,85+141 DE. Stupen F. A Up H removal = Hti - (Hte + MAR) = (SC-(3,4+47))/50 ×100 = 835% 2.86 QU(HE- Mar) = 386x24,875 (364-47) = 2255 190/01 04 = FQ + FO, - FO, - 6939 + 4141 - 2215 = 6803 490 (MUE 9817) Allohio NI 412 TOD Brance TODen some bla = 1750 Qe=24.042 71/a H 10 5000 Hte = 3,4 Mue = 4.07 101) = QC X (He Hre) 1/2 A500 NA 758/2 158/15 = 0,677 X, = 0,677 ×4,00 = 24.875 x c (36,4-4.7) = 788,5 16012-10/01 = 30A7 mg/85/2 TODefluent = Qe (COD + 4.57 xTKN) = 24.042 (45+ 4.57 x 3.4) = 1455.2 lay Text /d



\$6 ISS same PX = 56242 6,759 VSS /155 9677 some 28 Same Qu = 833 m 3 become 1/2=45 as ver FRE=3749 6755 pd 105755 pc 5HB 45,1 all pame as UCE soptem 94,164.9 4.8 some SET, feet, TC, Upm20, Know all some. Hypraheur some HAR = 2,31, 46 = 34, Mc = 36.4 FQ = 4141 kg/0/d. 5,12 Jus (\$,10 for var) How things out alflowers Don't = Dong the = Dong vet
= SosAy (I-vr) (I-fev HV) 0,39 all of at + Ket The FShows = 3,2 + 33,1 = 36,4 mg mas-refl (roune as uci) apt = -3+132+4AC1 A = 00/286 = 3/28 = 0.7 some 3 = Ne DPP+ (1+5) 28 + 5 K2 C5

**37 = K320 (1.029) T-20 3 MC1 NO MC1 NO



50 D3 = (9+5+1) 736 41017 x 1.63 x 202,8 0.239 Set = for + for = 4151 + 9239 = 0,390 ce courced - used to fund = FS60HO L3 KJ THURS HOYBH ONO 2828×0,239 ×91017×1603 91 = 11,02 may NO3-4/8 Unitrall on Predend = 5 (Nre + 296).

= I (10,67 + 2,86) = 11,02

mg Ng-10/2 .!. DB = netrale bad .: Zero retrate te anaerahie Volumes Branowy Austri anous Later Mabroles 0.151 0.46 0.339 015 (000) Mas has rows 8503 25893 13450 56289 8443 9,0 4.5 4.5 A.S. 5 Conc Kt Volume m 1876 14-94 11014 5754 1830 0,136 (000) 4170. 0,172 0,522 Volume fraction

51 FOL = 2,86 Qi(Hc - Hne) = 2.96 x 24.375 (36.4-19,7) = 1828 laold FOL - FOC + FON - FO 6939 + 4141 - 1928 (UCT) (UCT) JB = 9252 lgald OURt = FOLKION - 9252 210 Vant 24 5754 x21 MUE UCI 45 45 45 231 0,92 2,31 20 3.4 5,4 7,62 062 SRT Md 150L 4.5 8317 9251 3550 63,8 1,07 670 Corss A 2543 3753 5.36 1,0 14388 11014 Balance SKI 611 14.1 16,8 611 6:1 - VAV.

52 dirobbe trailing 5 receipter He = mg NO3-14 foroduced /2 anthunt He = Mez un afflorent ung Mg-14 Pe with 1/2 gas = Qi gos = 22.4 l at 517

8007 - 351 kmal/4

= 36/kx22 4 = 1cl Nagas ld at 577

= 76/c ld Hagas ld at 577 0°C latin

Lm3 N = 20°C latin Volence