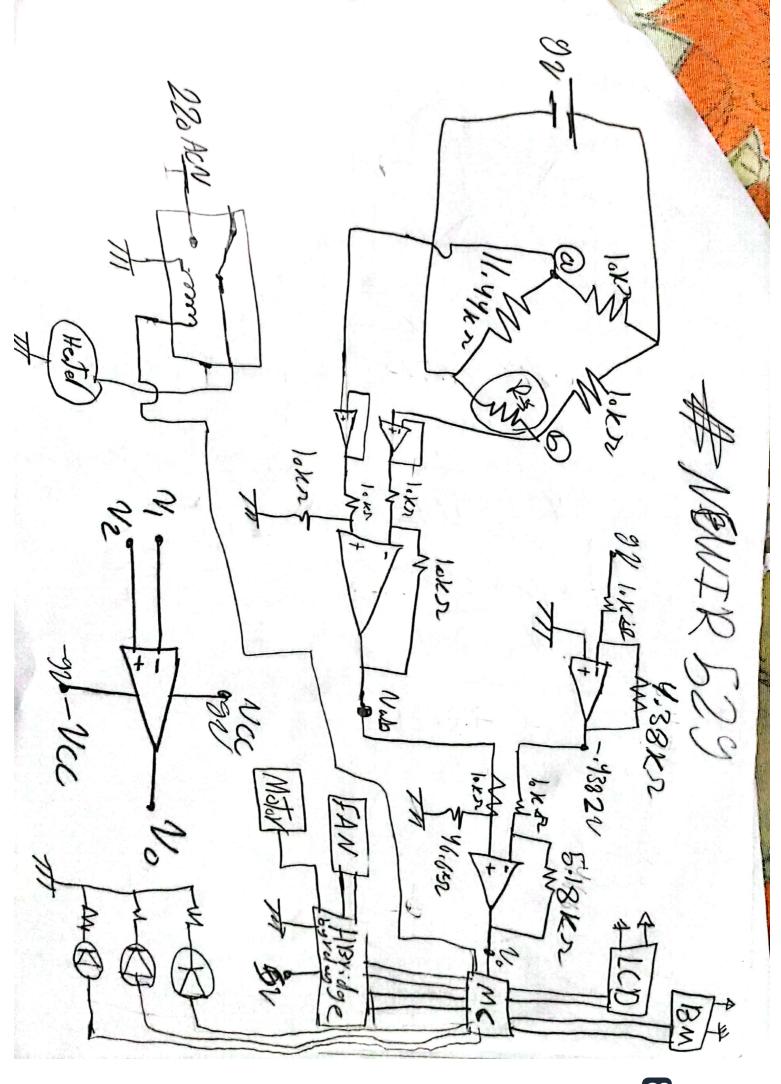
#Newiy 529 16 = Vc R2R3-RyRI (Ro+Ry)(R2+R1) 12155 AVab=- 3,942 >4,7431 & assume linearity& Vaisbetween 0-> 4.5 NOT & there To errors 0 =--3942M + C] = 0.5/8 4.6 = 4.743M + C] = 2.042 No =0.5/8 Nin +2.042/ V=1618(Vin-(-3.942)) = 12/2 (V2 - V1) +2 dissamp = 1518 Ri = 5.18 KYZ) 3.912 = 12 VS R"2 - 31942 RI- 4.38 KM we pot

ASSUMPTIONS Drindings R1-R2=10K52 14=92 Ra make The bridge NWI at 11. 44/652 (4C) Ry=Rsensor Sromdata shed 0.063KJZ ->343.6326KI assume Ri =10K52 Sur IST d. STAMP RZ/R = 1, R2= K1=1.K2 R1 = 10KZ



#NeWIR529

$$R_{y} = \frac{114.4 - 28.820ab}{10 + 2.3820ab} = R_{0}^{\beta(x-1)}$$

$$R_{y} = 10e^{3950}(H - 1/99)$$