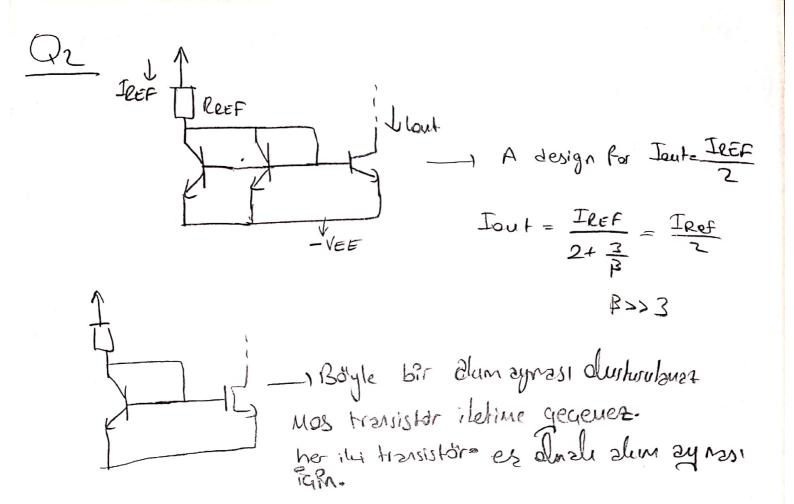
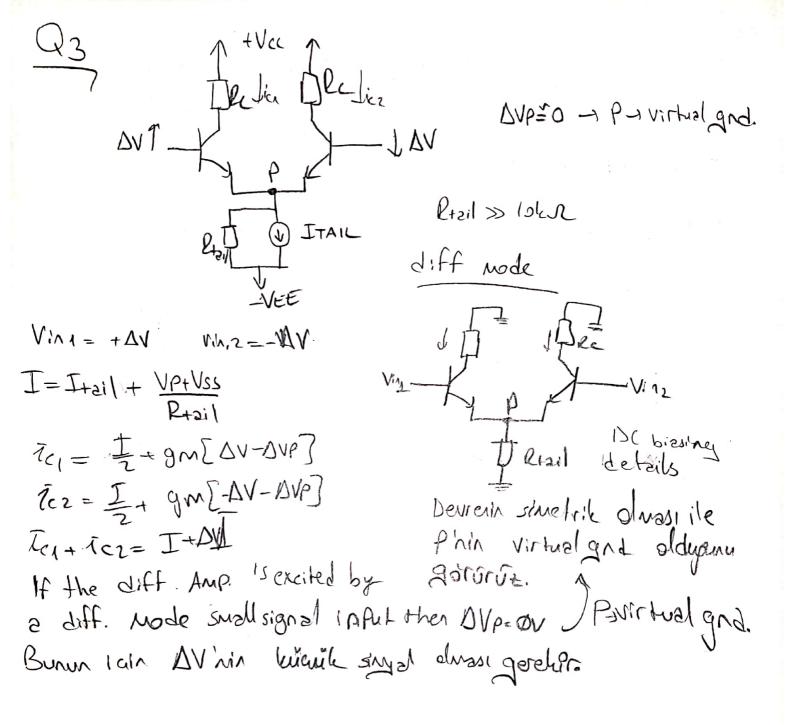
HWTC #08 (BONUS) Abdullah MENISOGLU 17102 4001 VIN,1-Peref D Differential pair'in auaci Itail'i oldulga VITTAIL Sabtleveletir. MREF - diode connected mas MTAIL MREF bu Sayede Leidini bias etnektedir. Kerdini bias edeblinesi ve yapının doğru Galışması MREF VE MTAIL'IN saturasyonda dinasina baglidu. Tum degerler MREF'e zilfir MREF - Saturzayan kontrolui-1 V65 - VTH - 1 eq. 1 eq. 1 ve eq. 2 Mos transistaria VDGZO Sztúrzsyondz oldugunu gösterir. VDS - VOS = 0 VDS=VGS MTAIL de bu baglartenn yapılmama VDS DV65-VTH + eq. 2 Sebebi depister drain gerillmi

TS Kuckfir. Devrede - VSS-1 and olumber RREF - VDD almale. contro Prefide and dursa MREF cutoffile dur

> Vbr=Ves, REF MTAIL icin





20 log 10 |H(jw)| = 10 log 10 |H(jw)|²

We we we woo old it duran inceleur

We wo ise

10 log 10 |H(jw)|² = 10 log 10 | 1|² = pdB

w = wo ise

10 log 10 |H(jwo)|² = 10 log 10 | 1/2 = 10 log 10 | 1/2 |

= 10.(-0.302)

= -3.02dB