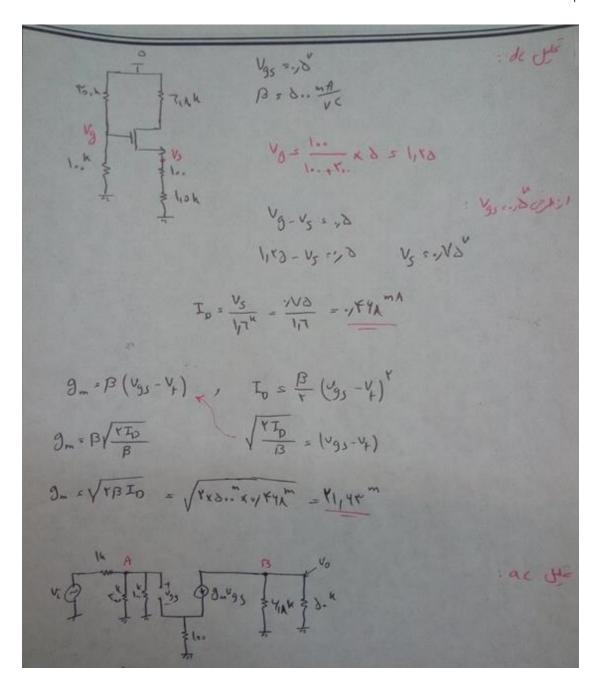
الماد على الماد ا
3 = 04 0141 810 = 0149
In = B (vgs-vm) (Eb = wlead landing to milioning
To 5 9rm (0189-10-To-8)
1000 Ib - 499/0 Ib +11/0 50
To 5 1/6 47 , In = 1/2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
wider of to by -100 ilon 2:0 V/h / June 2 1,09 € To 50,250 by
いっとすべんと見ららいとうとうないできましているという
VOS > 13, - Vth 10-45, X ID-45) d149-45+4

om -- 1 2(2) M, ID, 5 B (V9), -VH) In, 5 10. (Vgs, -Vsn) Vys. 51. -1" In 1000 ID, = (10-100 ID-10) 100 ID, = 1.4 ID, -1900. ID, +90173 1, Tp, - 41000 Ip, + 9,18 5. In, = 1,54 , Ib, = 10.49 A · who will vast. "Use Lindred To, = 1. Ke ID, 5.10.49 => Vg5, 510-1"(-1.049) = 7,1" : F.D M-EC 100)! . Tul Vgs, = Vgs, cir; IDT = [(411 -18) = 10. In = MAY MA VD5+ > V95+ - V+ 1/pr > 1/gr - 1/2h 1. - 1 (P.94) > 411 - , A Vo, = Vgs, = 411 VDY = 1 - 1" (MAY") = 41. A



$$V_{A} = V_{gS} + 1 \cdot 0 \cdot g_{m}V_{gS} \quad (Y)$$

$$V_{A} = V_{gS} + 1 \cdot 0 \cdot g_{m}V_{gS} \quad (Y)$$

$$V_{A} = V_{GS} + 1 \cdot 0 \cdot g_{m}V_{gS} \quad (Y)$$

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$$V_{A} = V_{GS} + 1 \cdot 0 \cdot g_{m}V_{gS} \quad (Y)$$

$$V_{A} = V_{GS} + V_{GS} \quad ($$

