Sourableousedo gli effetti 20= 100 201 + 202=-4-4=-81 Infine in 10/R2 = -8V/2K = -4mA (entroubernelmob) Speugo 2V re 5 Kr vede ddp = 0 e ho r= 0 loscio acces 1V re 125Kr = 0.4M scone in Res e Reo Esempio OP-AMP L-18
Spengo IV il 2.5 Ks. allelle vede aldp = 0 e ha i=0 12=2V 15K2=0.4MA soure in R5 e R20 e produce No2=-R10 12=-4V 2 produce No1 = - R10 i1 = -4V lassio occeso 2V

=0.4 = 0.4 = 4= 4.8 mA e grinde is = hithe-home = Dungue, per KCL of mode in + ick - liz - ic = 0 2 a heutroutie = 0

G1 = - R10/R2.5 =-10/2.5 = - 4 az=-R10/R5 =-10/5 = ESEMPIO OP-AMP L20

15 = Warkfrighter Sant = 0101+9202 =

18-=2-2- 7.5-=

Dol modo "escono" 254 = # 75/R20 = mijorgana = -0.8 mA 2 Law = No /R2 = -8/2K = -4mA -8/40K MANAGER AND SOME AND

duupue deve essere ro = rsu + raw = -0.8m-4m - 4.8 m.A



$$V_0 = V_{04} + V_{02} = \frac{R^2}{R_1} \left( \frac{V_4 - V_2}{N_2} \right)$$

(M)

4

Escupio OP-AMP L23

Voz= - R4 V2

Vo = Vor + Vor = - R4 V4 + R4 R2 V2 = G2 V4 + G2 V2

5.10K = 50KSZ N Kr. B 91=-R4=-R4=-5 72 - R4 R2 = 50K. R2 - 3 - 7 R2 - 30K - 6 K5C R1 R3 10K 10K

(D)

Epemps 6 L25  

$$\sqrt{1+\frac{10}{4}}$$
  $\left(1+\frac{12}{2}\right)$   $20m = (3.5)(5)$   $20m = 350m$