







(3) 2) Ep = Ep - 0,36e) Un = 1400 W Up = 420 Cm EF -- FOITH - EF : EF (EF) P-tip dopings alcoptorina p. = n; exp Exi-Ex = 145-1000 - exp - 300 Po = 7,43.4015 CM-3 (VEĆINSKI FIRMINGS => No = 1012 = (1.45 110 12)2 = 2,83 165 cm2 Po >>n: => P. = NA: 2,13 1005 cm3 Po >> no => 6 = 6p = g Mp Po = 0,5 cm n (500x) = C4 + 2 exp (- Es) = 3,24,000 cm2 Na= 2,43.1015 m=3 >> n; (i dage je ber 43 pute vece) EXETATION TO P. EN. = 7, 43-10 5 (m) 17 74 to My (50 ) 2 | 50 / 5 / 1/ (300 k) J = 0.225 5 5 5 5 6 - 1 2 2 0 - P. = 0.45 T (300 K)

3) ndemple = 2-10"5cm" , in = 320 m , Th = 08.45 Wh = 0.5 pm = 0.5 10" cm potreno = 1/2 = 8.15 mm , pin = 700 cm, Tn = 0,5 ps Wp = 100pm = 100 10-4 cm Non = No = 2 -10 = 5 cm - 3 Pan = 1,05 - 105 cm - 3 Pop = NA = 2.10+ cm2 Dop = +12 = 2,63:102 cm2 pstrane. Ln = 7 Dn. Tn = yun # 000 Tx = 30,00 per Wp=100pin >> Ln ) (sirobe) (to me moramo modi) exp = 1 0 -1 -2 -3 -4 -5 5, roke streng n stranc 1p = 25,73 pm >> Wn = 0.5 pm (vsha) Is = Isn + Isp = 25 On The + Opy Wn = (4)st.

(4.) Vos >0] NMCS UGSp = - UGSB > UGSA >O Gostromoseni UGSELO) uz oba produnka Vas rati pa radi : 24 Uqs = 0 I 0 70 B: IDB = 1 mA testimpe IDS = K (UGSO - UGSO) (1) A: Granica Triodney i Zusiésija Uns = UGSA-UGSO = 3V Ugso = UgsA - 3 (2) UGIA = - UGIB (3) (2)(3) -> (1) IDB = K (-UGSA - UGSA + 3) 2 IDB = (3 - 2 UGSA)2 3 - 2 Uasa = + - 2 Isa 1) UGSA = 1V UGSOn = UGSAn - 3 = -2V VGS84 = -1V 2) VGSAz = 2 V 7 VGS32 = - NV NE MOTE

