Cerunap 6. 1.391. U= c 2 ly = lsin 0 ly = lzin 0 lx = lcos 0 lx = Vi- p=2 u ° = lo= l V Sin 20. costo? = l 1-B2 sin 201 = 1,0800 C=1m 0=450 6-? (1.39 (1.415) Ui Lui U1 = 0, 50 Uz = 0, 75c U, = U, - U Un Upra -? Ues = U1 + U2 (1.41 Ucs = 1 = U, + U, = 1, 2 TC Uonn = 4,442 = 0,91c Vonn. (1,428) t=c2n (1-42 - 11-42)= mc2 (22-71)-0,50 m, U, =0,60 3. 9 Trup = 2 - 2 - 2 (B) - B,)= 0, 41AC2 U2 = 0,8c 2 = 1 I - ? trup? V, CE (1,443) Ein Voro C. Pgo = 182 n24 = f(nc2+x) = n264 = 1x2+2nc2+x M1- ? 5.30 y'-! f [k + 2nc2 - k] = n'u'

1 - 4.77 MP. Me T=1 6 ? k+2mc = 11-44

U12 = (K 2+4mc 2 K + 4m2 c 4) C+ = (K+2mc 2). C = KC2 U'= C T K+2mcz Donamura pasona 6 cenuna, > (1.396.) lo 11- 0 = (1-9) Co U; 7=0,5% 1- 02 = 1-2 n+ n2 W-? V= c 19/2-91 = 0,10 V. x = 1 = - V, 2 24 - Vi 81 - ci = Si 11 - Ci2 Vonn - ? Jonn = 1 5, + V. 2 (1 - c) = 1 5, 2 5 2 0, 5. (5. 9) V = 1 + V2 VI CKC Rim (v. vo) = 0 => (v= 1+0 = v.+v.) 5.30 (Mp - Mpd + T - 1, 937)

me - MeoC + T - 1, 937 T=mc - M.C TP. Me Mec = Me. C + T T=1 5B Mpc = Mpc +1