





Unix 3: Folles TT & TV / DAR MAN MAN 1) a - g (sina-mos a=9(5(n0)-1M0501) 1 11 a=9(5(n0)-1M0501) a=9(5(n0)-1M0501) a=9(5(n0)-1M0501) a=9(5(n0)-1M0501) 021,22 m/s2 d=0.30+'n.1.22.303 d= 0+0.61.900=549m V=v, tat = 1.22(30)= 36.6 m/s) ( speed after

3) a) French petri = Lumanur - Using - Lein (30) Frent petal = 80,0005, 70(30) -40,000 N) Frent = mv2 = ) Y = mv2 - (6000Hs) (166,617 Ms)2 Frent - 40,000 N =4166.68M =4.17 Km) C=2TIV dplun conti = TTV V= == >+= == TIV (4166.68m)TI 166.667m/c 1 (+=78.54s) Fynct = 3kx -mg = 0 =7mg = 3kx FIS TE FILE ETERMY X = m3 X & It we inversely populational 50 as 4-700, the bottom gets intimitely greater mating 5) 0) VI= 12.1600,01 - 11782 - 17648 = 189.57 mg b) Anew = 100x 0.25 = 25m2 16- 5260.981 -> V1- 11712 1 178.40

(a. A. T. (2) = X (0) = x6. 12 4 6.314m3 G.0314,12/104 12 100,000 6.0314.27.5×10°