

Part C.) Convert Float Rep to decimal 69999902 9 9 9 0.110 1001 1001 1001 1001 0000 0010 4x16 = 0.250,1101001 . 22 $12\pi i^2 = 0.046875$ - 0011.01001100110011001100 3.4 C C C C C 6 11.01001 12×163=0.00296875 12×16+=0.0001831054 0,25 +0.046875 3.46,6 12×16=0.00001144+09 0.029687 =3.2510 0.000183 +0.04 2.0000114 = 0.299999 =3.310) = 69999902 Fl-at (69999903 0.110 1001 1001 1001 1001 0000 0011 9x16 = 0.5625 0,110,1001×2 0110.1001 -> 6.99999916 9x16-2=0.0351 6. 9 16 110.1001 9x16-3=0.002197 0.5625 6.59999 9x164 = 0.0001373 +0.0351 =61999903 Float 0.002197 =6.610 9x16-5 = 0.00000858 0.0001373 0.000008583 =0.59999999 1.001 0110 0110 0110 0110 0111 IIII 966667FF RONGER 25 comp = 1001 0110 0110 0110 0110 0111 6x16 = 0.375 -0000 0000 0000 0000 0110 0110 0110 0110 1001 9x162=0.03515 Russel's comp=70110 1001 1001 1001 1001 1001 [111] [111] $9x16^{-3} = 0.00219$ 61101001 1001 1001 1001 x3-1 9x16 = 0,0001373 9x165=0.00000858 96667PE (10t) 0.375 =0.4125,0 1001 0110.0 +0.03515 0.00219 0.00013737 0.000008583

= 0.4125