$+, a^3 + b^3 + c^3 = 3abc$  $\frac{a^{2} \cdot a + b^{2} \cdot b + c^{2} \cdot c}{abc} = 3$  $\frac{a^2}{b}$  t  $\frac{b^2}{co}$  t  $\frac{a^2}{ab}$ If a,b,e are all non-zero and a + b + c = 0, prove that Jatht C 20 Cathtel 2 a2+b2+12 > (atb)3, (-L)3 20h + 26 C 43+b3+3ab(a+b) 2(-C3 3+63+30h(-C)=fc3  $a^3+b^3+c^3=3abc$