$$\frac{1}{2} \int_{1-\sqrt{2}}^{1} \frac{1}{2} \int_{1-\sqrt{2}}^$$

```
-ν× 555 ε(ν) λνλολό: 5 ε(ν)λν . Υπ σονην μινον ποριγού ματο λολο 

-νπ (στεστ) <sup>1</sup> , ν<sup>2</sup> ε ετστ λν = 2π (στεστ) <sup>1</sup> . 1. (2 τστ) : 2 √2 κστ
                                                                                                                      CES-MY? : MCV'S = 12 kot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (2)
                                                                                                                                                                                                                                                                                                                                           < v^2 > \frac{3 k_0 T}{3}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11771 (5+ (1
                                                                                                                                                                   \frac{2}{3} = \frac{1}{3} = \frac{1}
                                                                                                                                                                                                           x . pr. ( )
                                                                                                                                                                                                                                                           2 mit 2mit 2tt 2tt 4th min 2 2
                                                                                                                                                                                     \langle E \rangle = \frac{1}{2} \frac{dR}{dR} = \frac{1}{R} \frac{dR}{dR} = \frac{1}{2} \frac{dR}{dR
                                                                                                                                  13 (x1, x1): 12 6(6, 6, x1, x1) 161 16: 315 6x6(-) ( x(x1-x0) + (x1-x0), ))
                                                                                                                                                                        1, (x1) : Note ( BE 6xb (-) K(x1-x0),
                                                                                                                                                                      6(75) = ( 1 - 6xb (- 1 + (x5-x8),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14
                                                                                                                                                                        E(121-xc)) = |E(xn-xe) = |Exi - Exi = | & a - Kb1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1)
                                                                                                                                                                                                             Enew = E - q Ex, + qExe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (7
                                                                                                                                                 = 1 [ww. ] exb[b| F(x1-xm), - SEXJ] Yx1. [ 6xb(-B| F(x2-XP), )] yxr
                                                                                                                                                                                                                                                                I & Carrowall = 1 = 21xa+xb1
```