1-14 DE = E2-E1=10.2ev, P= E = MH·V, V = E2-E1 =3.25m/s ② EE = ±mH·V2 = 8.84×10-2] , EE = 5.4×10 1-15. 0 7 = J25mc ≈ 1.23x 6-10 m  $\exists \lambda = \overline{\lim} \approx 9.06 \times 10^{-1} \text{ m}$   $\exists \lambda = \overline{\mu} = \overline{\lim} \approx 1.25 \times 10^{-9} \text{ m}$ 1-16. moc2= = 1. 1 = 2 = 2.6x108 m/s 7 = 1.40x10-1m - 18. 7 = ax. sinq , p= 1 Ek = 2mo = 2mox = 60 lev d = D. tang & D. sing x2. Tx 10 1 D. tang & D. sing = D. > x 1x10-5 m 3. 考虑于沙· d sin cp = 至 1+1 Ap = : h . Dx = : 6.63 × 10-23 kg.m/s  $E = E_{k+mec^{2}}$ ,  $\Delta E = \Delta E_{k} = \Delta \left(\frac{P^{2}}{2me}\right) = \frac{P}{me} \Delta P = \sqrt{\frac{2E_{k}}{me}} \Delta P = 1.24 \times 10^{-15}$