



- collisions parameter will be roduled by a friction force J=-mv to have mdv + mv = qE u Lox sell v = 9 E7 (1 - e +17)

Time dependent clubic field: $m\vec{a} = q\vec{E}(t) - m\vec{a}$

 $E(t) = E_0 = i\omega t$ $S_0 = V_0 = v$

v(iw6+1)=gE

v= q = 0 = p = n = q v = m (1 + i w t)

J= ny 927 = y(w) E

 $\gamma(\omega) = m_{\nu} q^{2} \overline{c} = \gamma_{0}$ $m(1+i\omega \overline{c}) = 1 + i\omega \overline{c}$

wt K1 if TK 1 ~ T smil fegreny 1 4500.

Free electron (No Mooke Jone

high figurenay









