Fisika Kvantum

1) massa afor = 9,1 × 10 9

electron -> particel

= 1 (ruditas gerombang partike)

-) efek photonistrik - proses terlepasnya elektron dari baid

7 efel compton

- difrançi elektron

n interferensi gerombany

- prinsip prefider pastian

er-k Photoiistrik = Kmax = hv - W

compton scattring adorah tomboran katua eleletron

energy don frequensi: | E = h.V

formuld relativitals = [E]: pic2 + m2c4

Canada
$$E = Pc$$
 don $c = 2V$

$$\begin{vmatrix} P = \frac{h}{2} & \frac{hv}{c} \end{vmatrix}$$

PC = E : hV

hv = PC

P= , hv C 2 = 2

$$\frac{\left[\begin{array}{cc} p: & h \\ \hline \lambda & \end{array}\right] \rightarrow 4}{90}$$

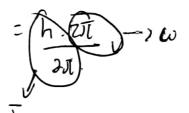
- dualisme

gerombang

Partice 1

Penjerason

$$= \frac{h \cdot (2\pi)}{2\pi (\lambda)} = 10$$



- posisi goran diperajari

$$\Delta_x \Delta P_x > h/2$$

$$\Delta_y \Delta P_y > h/2$$

$$\Delta_z \Delta P_z > h/2$$

$$\Delta_z \Delta P_z > h/2$$

$$\Delta P_z = 0$$

$$\Delta P_{x}: \frac{T_{1}}{z} \stackrel{!}{o}$$

Kosimpoidn

E: hu p= h - reidsi broisove.

Dipindai dengan CamScanner