Cl. 12a (5.9-2) _ Roz. pb. _ EC ref. Compton. 11,11,2020 The state of the (3.7/50.) (3.8/50) Ec = (m-mo)c2 = p2/2m => P=V2mEe (x) mo, Ee / (Ee)=m-mo=> m=(mo+Ee/2) (#*)

h, c $\lambda = ? \quad p = u \cdot v = \lfloor \frac{h}{\lambda} \rfloor \text{ ip. Lode Broglere.}$ $P = \sqrt{2 \text{ Ee (one + Ee/e^2)}} = \begin{pmatrix} \frac{h}{\lambda} \\ \frac{h}{\lambda} \end{pmatrix}$ $h = \frac{h}{(n)} \sqrt{2 u} \cdot \text{ Ee } (n + e/e^2) = \begin{pmatrix} \frac{h}{\lambda} \\ \frac{h}{\lambda} \end{pmatrix}$

dici: 2 = h.c. - \(\frac{1}{2\frac{1}{2}} \left| = \left| \frac{1}{2\frac{1}{2}} \left| = \left| \frac{1}{2\frac{1}{2}} \left| \