

Skammtafræði 1

Hugtök

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kibbacool glósur

hérna skrifar kristbjörg

Hroblerone glósur

herna skrifar Hrólfur

Þorsteins glósur

Herna skrifar Þorsteinn

Lagrangian

Hamiltonian

$$\hat{H} = \frac{1}{2m} \left(\vec{p} - q\vec{A} \right)^2 + q\phi(r)$$

Legendre transformation is used to derive the Hamiltonian formalism out of the Lagrangian formalism

Canonical momentum

Normalization

Charged particle in magneticfield