

Extra Assignment 1

Tuesday, 1 September 2020 12:20

$$\int (a_- \psi)^2 dx =$$

$$\int (a_- \psi)^* (a_- \psi) dx =$$

$$\int \left(\frac{1}{\sqrt{2\hbar m \omega}} (+i\hat{p} + m\omega\hat{x}) \psi \right)^* \left(\frac{1}{\sqrt{2\hbar m \omega}} (+i\hat{p} + m\omega\hat{x}) \psi \right) dx$$