Assignment 4

https://github.com/jchryssanthacopoulos/quantum_information/tree/main/assignment_4

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Eigenfunctions



- Eigenfunctions given by $\psi_n(x) = \frac{1}{\sqrt{2^n n!}} (\frac{1}{\pi})^{1/4} \exp(-x^2/2) H_n(x)$
- Good match to expected values using N = 1000 and $x_{\text{max}} = 10$, but error increases with n

