



Quantum Computing and Cryptography - 12: Visualizing a Qubit

Length	Nanomodule
Collection	NSA NCCP
Updated	March 14, 2019
Contributors	Abhishek Parakh
Academic Levels	Undergraduate, Graduate
Topics	Quantum Computing
Link	https://clark.center/details/aparakh/eb8040d6-91e5-40df-8268-d1bb26b6df0d

Description

This nanomodule presents 3D Bloch Sphere and 2D representations of a qubit along with interactive widgets.

Email Dr. Abhishek Parakh at aparakh@unomaha.edu for solutions to the problems.

Note: To get started with Jupyter notebooks please follow the userguide available at: <https://sites.google.com/unomaha.edu/userguideqcl/>

Outcomes

- Interpret the qubit state in three and two dimensions.

Links

External links that are associated with this learning object

- [User guide](#)