Quantum Computing and Cryptography - 09: Probabilistic to Quantum Systems

NANOMODULE

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Evaluate and Synthesize

Students will be able to create probability vectors for probabilistic systems and apply simple operations on them.

Remember and Understand

Students will be able to restate notion of qubits and types of operations that can be applied to them.

Remember and Understand

Students will be able to define notion of probabilistic systems.

Apply and Analyze

Students will be able to model light photons as qubits and determine some of their basic properties with respect to measurement.