Quantum Computing and Cryptography - 10: The Basics

MODULE

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Evaluate and Synthesize

Students will be able to change between basis representations for a given qubit.

Apply and Analyze

Students will be able to model two level quantum systems using vector and ket representations.

Remember and Understand

Students will be able to restate the notions qubit, amplitude and probability of collapse.

Apply and Analyze

Students will be able to apply the notion of superposition.