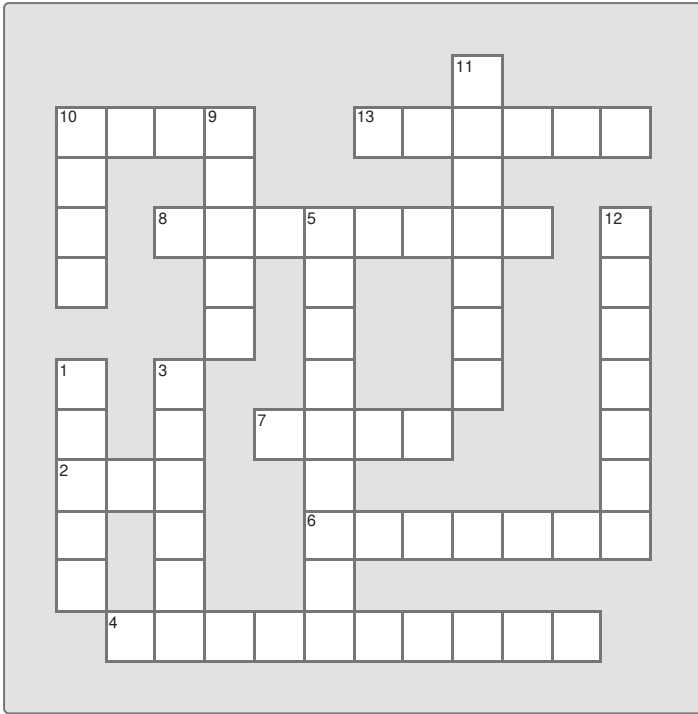


Quantum Computing Crossword



Across

- 2 A vector that represents the complex conjugate transpose of a ket vector.
- 4 A principle that states that the position and momentum of a particle cannot be measured simultaneously.
- 6 A matrix that preserves the inner product of vectors.
- 7 A quantum computer that is not fault-tolerant.
- 8 A gate that creates superposition.
- 10 A gate that exchanges the states of two qubits.
- 13 An algorithm for searching an unsorted database.

Down

- 1 The basic unit of quantum information.
- 3 A black box that performs a specific function.
- 5 The height of a wave.
- 9 The angle of a wave.
- 10 An algorithm for factoring large numbers.
- 11 A transform that decomposes a function into its frequency components.
- 12 A matrix that describes the state of a quantum system.