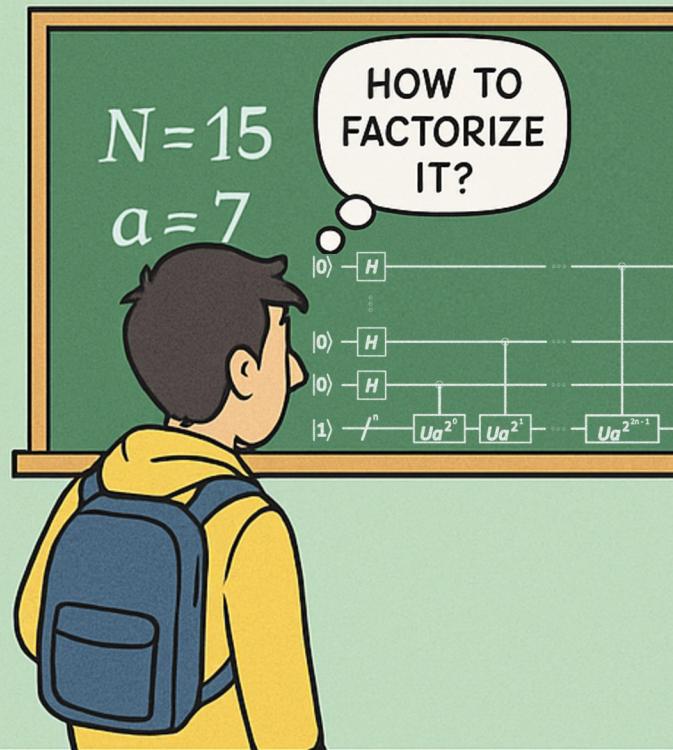




Qubits In Practice: An Educational MATLAB Approach to Quantum Algorithms

Shor's Algorithm



Quantum Approximation Optimization Algorithm



Redundancy Code Quantum Error Correction



Factoring large integers with quantum circuits: a gateway to quantum speedup

A customizable quantum framework to transform combinatorial optimization problems in QUBO ones and solve them

Using repetition codes to protect fragile quantum states from bit-flip errors