Desarrollo de algoritmos cuánticos a partir de definiciones clásicas.

Content

This document studies the development of algorithms from propositional logic, approached through combinational logic circuits, to later transition into the paradigm of quantum logic. It also establishes the points that must be considered for the resulting algorithm to be considered analogous, as well as the construction of its representative operator. The methodology was tested through the implementation of the logical adder within a quantum algorithm using the Q-Team simulator.

Summary

Primary author(s): BAÑUELOS AQUINO, Jose David (Q-Team)
Co-author(s): Dr. ORIZAGA TREJO, José Antonio (UdeG)
Presenter(s): BAÑUELOS AQUINO, Jose David (Q-Team)