Abstract

We live a paradoxically analogy between decades 1950s when computers started to work with transistors and huge machines that had covering big places and decade 2000s in which new assumptions appear to optimize the quantum computer performing from algorithm to qubits and from setting to behavior. Now days several aspects has been improved and most of them are involve in a quantum world where new challenges appear like cryptography, decoherence, states overlapping and others one that are basics to reach the capable computer. It has been built machines which could factorize small numbers, how ever several difficult persist in data’s lecture area being the quantum world a big ocean which it has not been explored plenty and theirs bases recline in metaphysics. The idea is to describe this new technology that will cover the future data for people interesting in this area, generate questions that rise discover in researching that could give new information which is done from the beginning of the quantum computing, their elements and their behavioral.

Keywords

Qubits, States Overlapping, Decoherence.