Quantum evolutionary algorithms

Evolutionary algorithms and evolutionary programming is one of the fastest growing area of computational intelligence. Quantum evolutionary algorithms used for global control and (multyticriterial) optimization goals, in cryptoanaliz. Quantum evolution algorithms: quantum genetic algorithms, quantum Neuronal networks and more. Classical methods of quantum information tasks in addition (which is secret and is only partially available), increases the effectiveness of the solution. Quantum computation (like classical) universal basic elements of a scheme can be implemented. Quantum computation used qubit in calculation for superposition, quantum correlation (disturbance, entanglement), and Interference. All three reversible operation. Quantum algorithms may be functionally the decision making and search algorithms(Grover's algorithm).