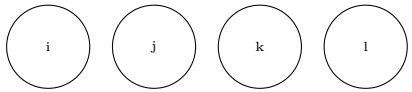
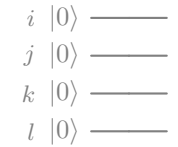
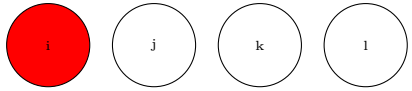
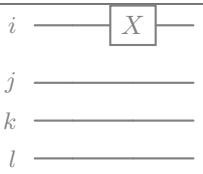
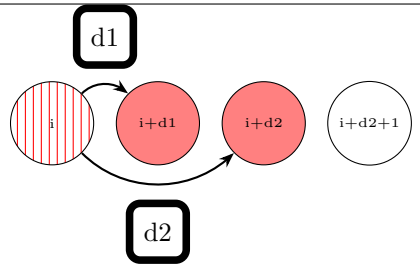
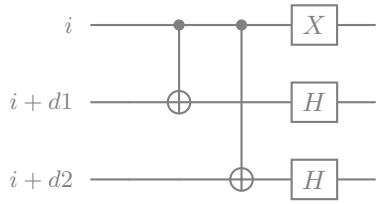
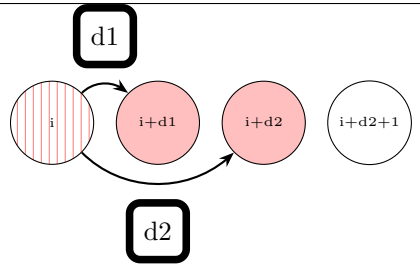
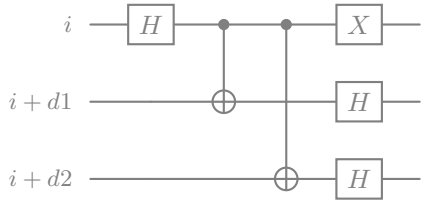
Move name	Move	Python list	Quantum array	Qiskit
Initialize		board=[None] * 32		q = QuantumRegister(10, 'q circuit = QuantumCircuit(q
New pawn		board[i] = { 'color' : red, 'probability' : 1, 'pawn' : 1 }		circuit.x[q[i]]
First move		board[i] = None board[i+d1, i+d2] = { 'color' : red, 'probability' : 0.5, 'pawn' : 1}		circuit.cx(q[i], q[i+d1]) circuit.cx(q[i], q[i+d1]) circuit.h(q[i+d1]) circuit.h(q[i+d2]) circuit.x(q[i])
nth move		board[i] = None board[i+d1, i+d2] = { 'color' : red, 'probability' : $(1/2)^n$, 'pawn' : 1}		circuit.h(q[i]) circuit.cx(q[i], q[i+d1]) circuit.cx(q[i], q[i+d1]) circuit.h(q[i+d1]) circuit.h(q[i+d2]) circuit.x(q[i])