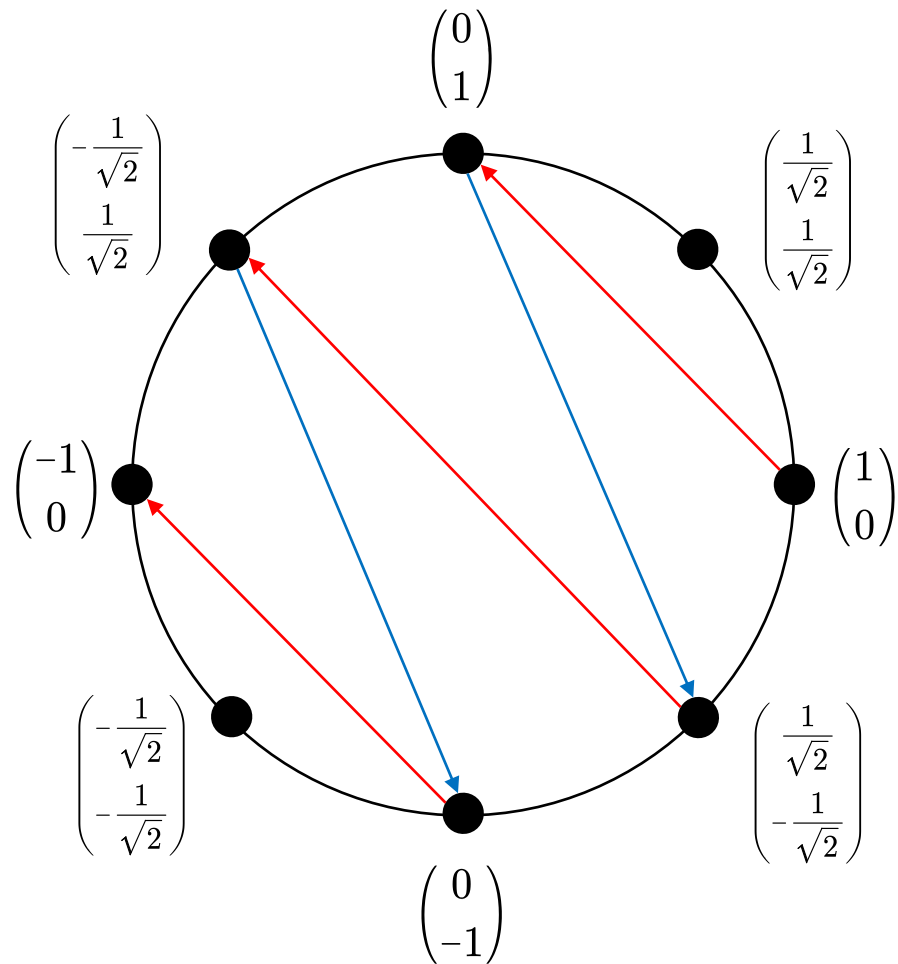


(a) Quantum circuit of only X and H gates



(b) State transitions on the unit circle state machine