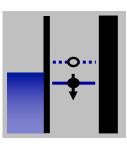
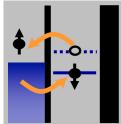
Split by magnetic field **Initialize** $H_0 \sim \sum \omega_i \sigma_{zi}$ reservoir empty dot filled dot spin down

J.M. Elzerman, R. Hanson, L.H. Willems van Beveren, B. Witkamp, L.M.K. Vandersypen, L.P. Kouwenhoven. "Single-shot read-out of an individual electron spin in a quantum dot." Nature 430, 431-435 (2004).





readout

