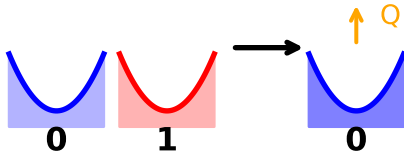


(a) Classical Landauer

$$W \geq k_B T \ln 2$$



(b) Dimensional Landauer

