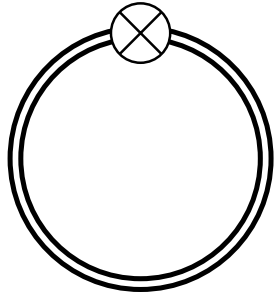
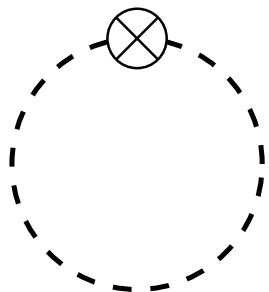
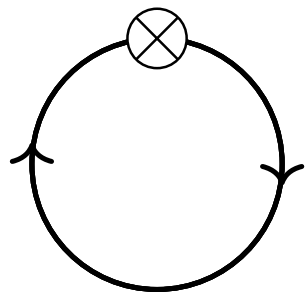
$$\partial_t \Gamma_k[\bar{g}, 0] = \frac{1}{2}$$  $$+ \frac{1}{2}$$  $$-$$  $$+ \frac{1}{2}$$