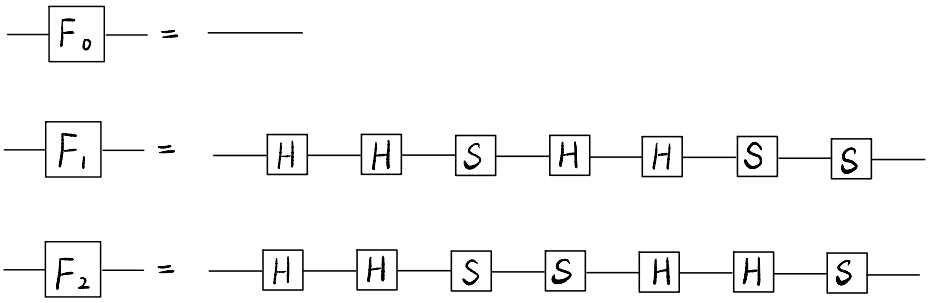

R10 : $Z = F_2$

R11 : $Z^2 = F_1$

R12 : $Z^3 = I$

Lem 10 By definition R10, R11 & R12, we have 26. (1) $Z F_0 = F_2$

(2) $Z F_1 = F_0$

(3) $Z F_2 = F_1$

Proof : 26.(1). LHS := $Z \overset{R10}{=} H H S S H H S =: F_2 =$ 26.(1). RHS.

26.(2). LHS := $Z H H S H H S S \overset{R11}{=} Z Z Z \overset{R12}{=} I := F_0 =$ 26.(2). RHS.

26.(3). LHS := $Z H H S S H H S \overset{R10}{=} Z Z \overset{R11}{=:} F_1 =$ 26.(3). RHS.