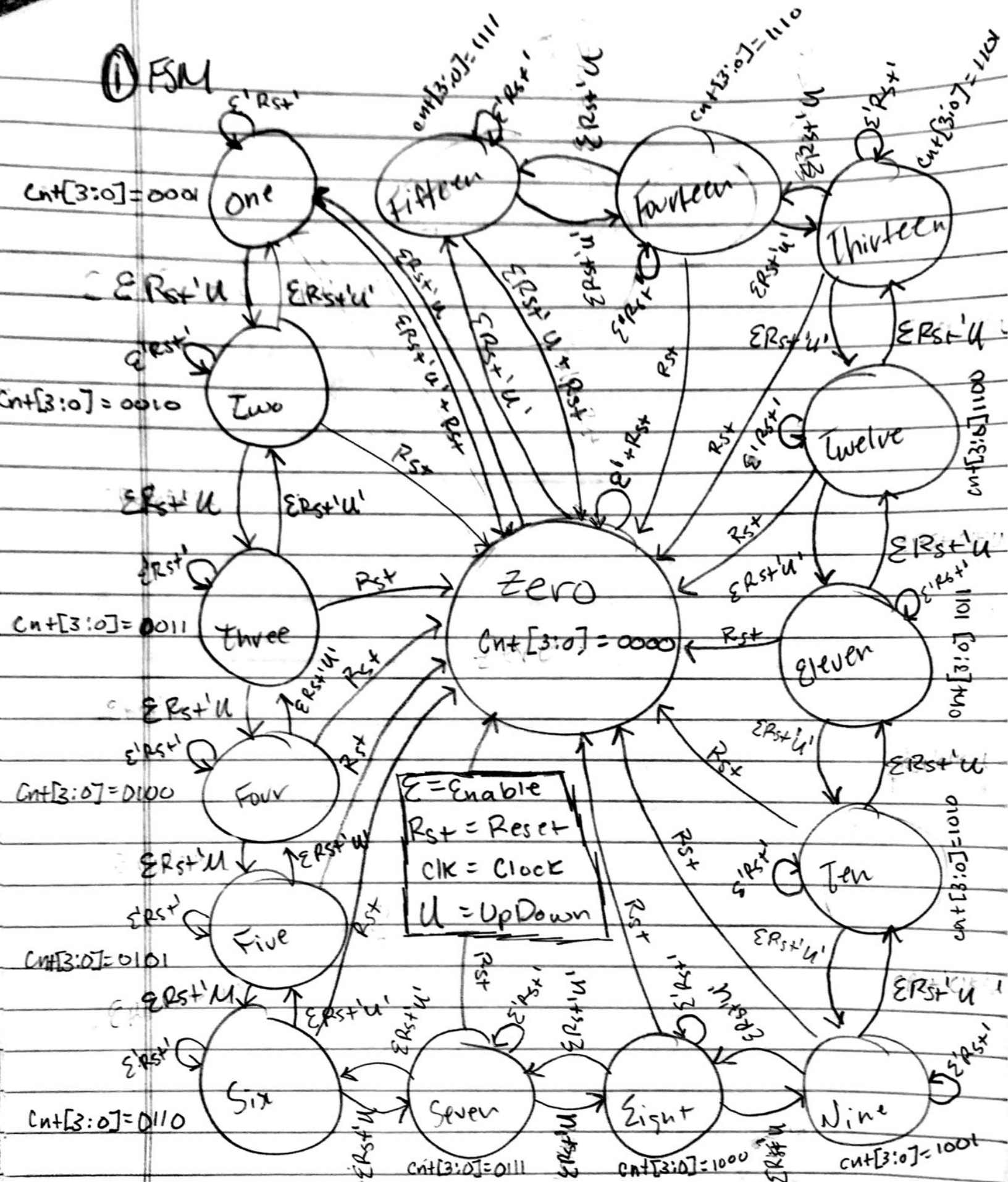


# ① FSM



\* If  $CLK \neq 1$  for any state nothing happens every

→ represents  $CLK^{\wedge}$ , \*  $Cnt[3:0] = [Cnt[3], Cnt[2], Cnt[1], Cnt[0]]$ .