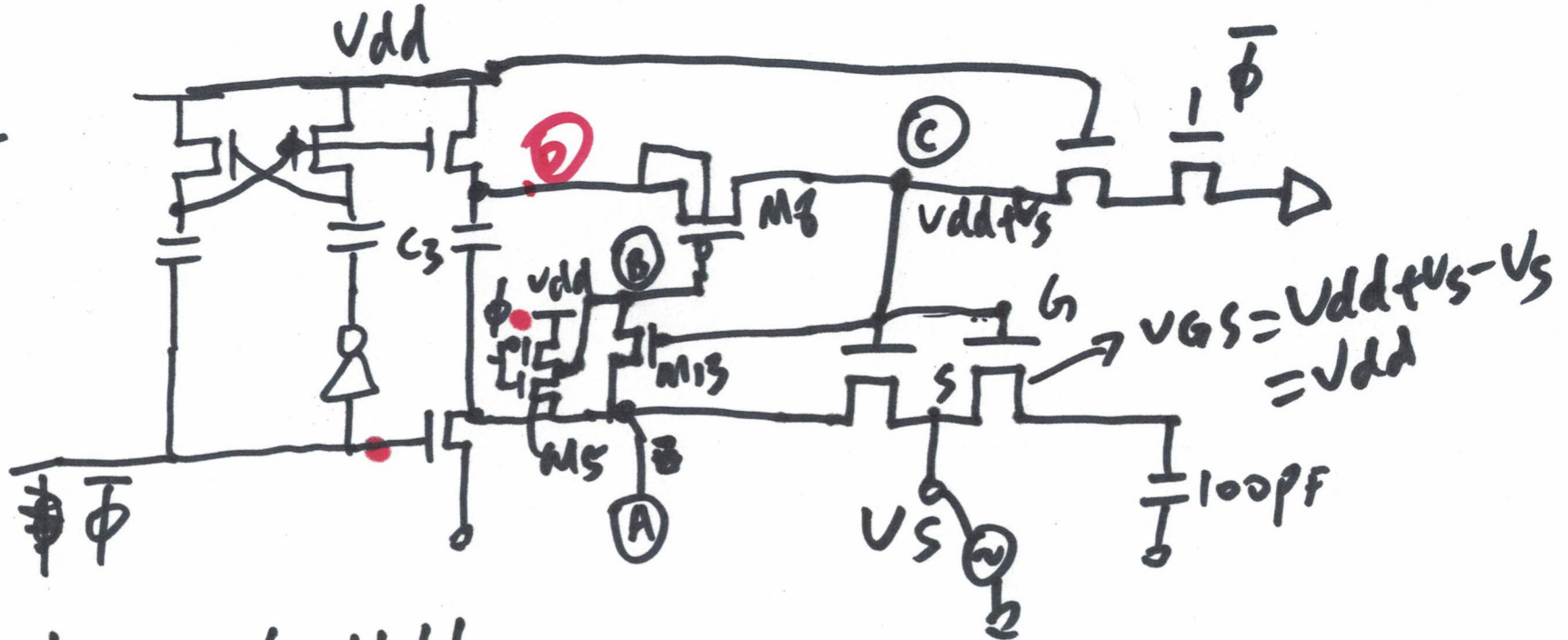


Abos
1999



$\sqrt{\phi} = 1$, reset, Hold

- ✓ $\bar{\phi} = 0$, floating v_{dd} across C_3 , sample/track

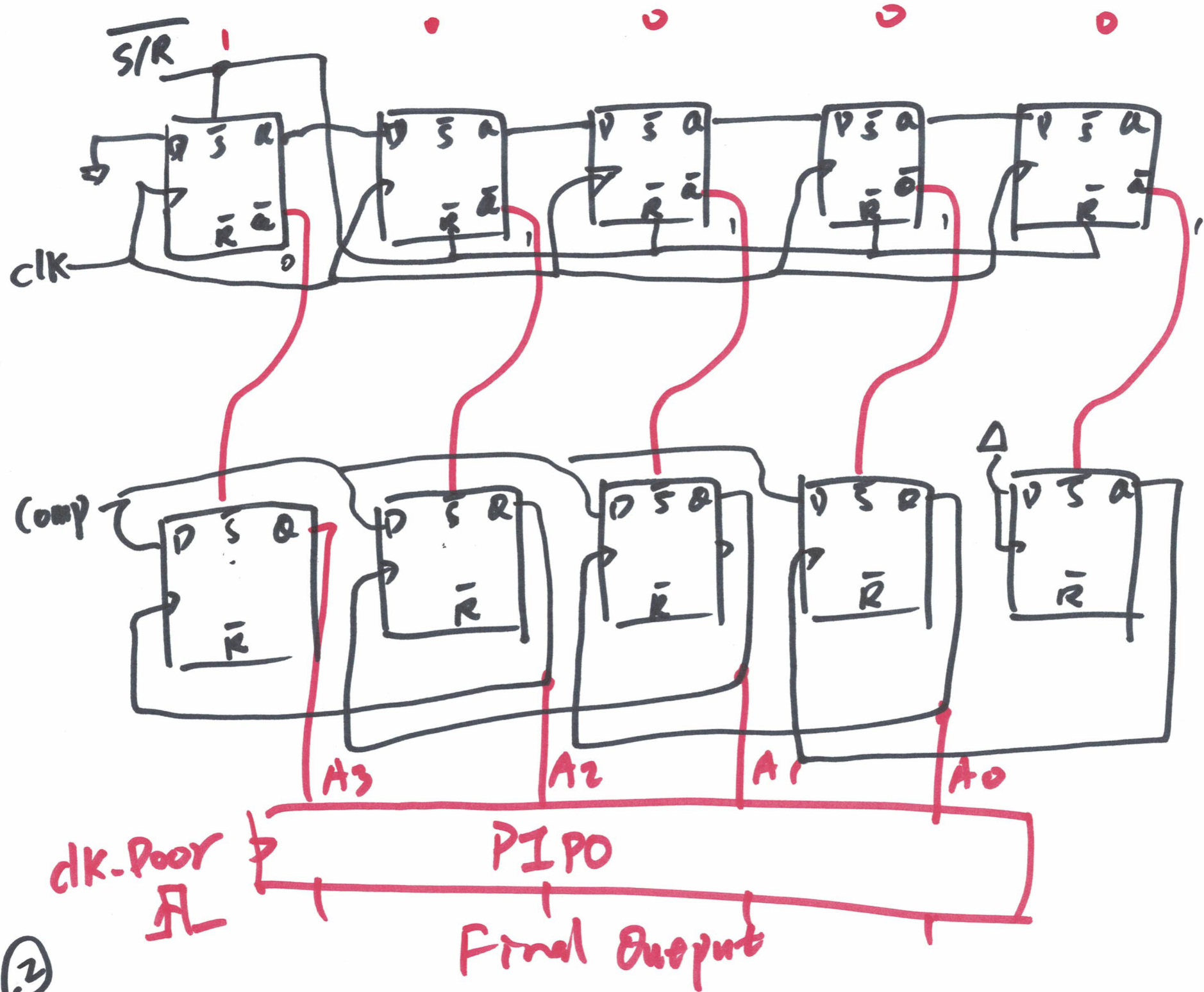
$$\hookrightarrow \phi = 1, \textcircled{3} = 0$$

✓ $\phi = 1$, (A) shorted (B), V_{DD} across C_3 is applied to V_{S6} of M_8 , M_8 is ON

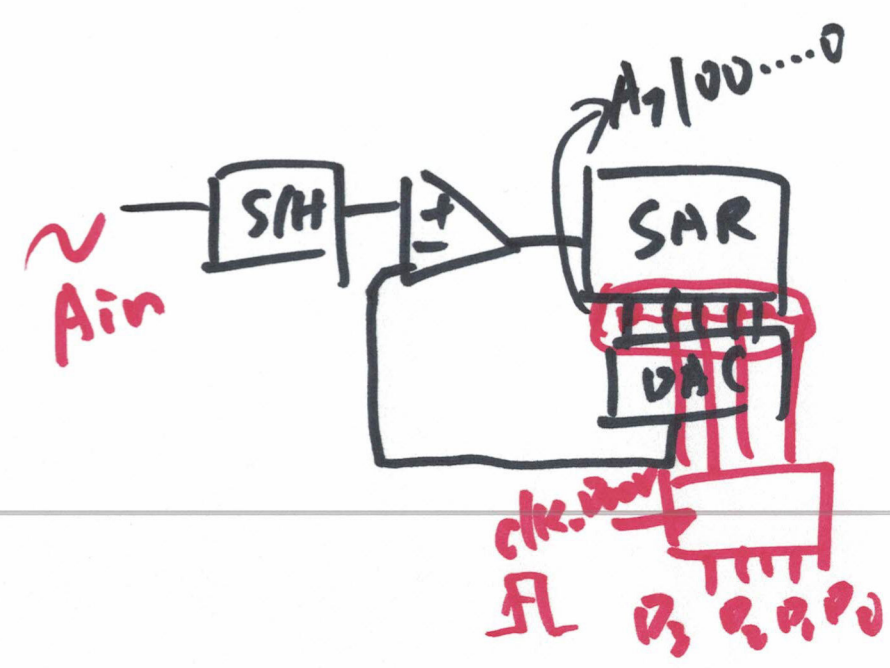
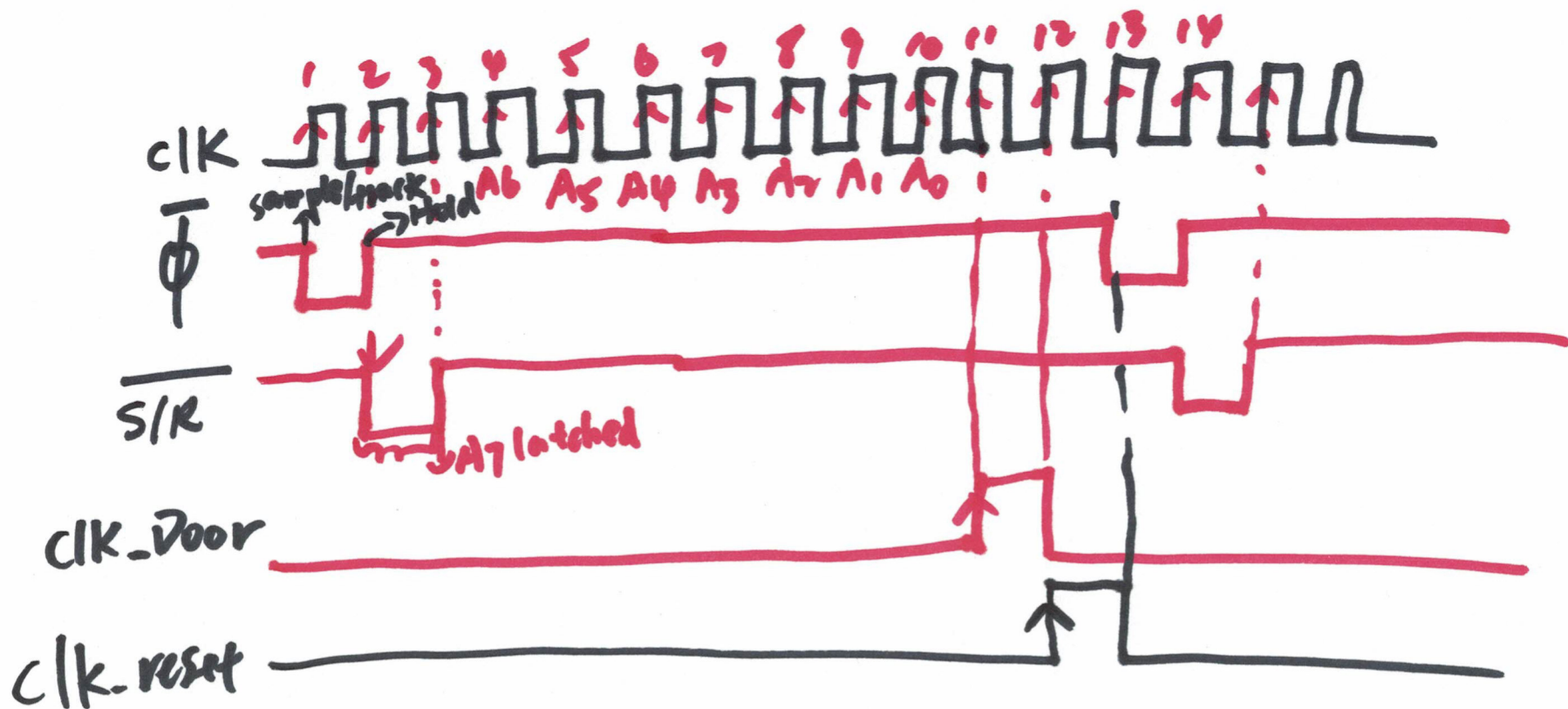
✓ V_S got pushed into C_3 , $V_{C_3} = V_{SG_{m_6}} = V_{DD} + V_S - V_S$

✓ when V_s exceeds $V_{dd} - V_{thn}$, M_5 is $\overbrace{\text{off}}^{=V_{dd}}$, Adding M_{13} there can keep V_G of M_8 be V_s in this situation.

ρ



(2)



③