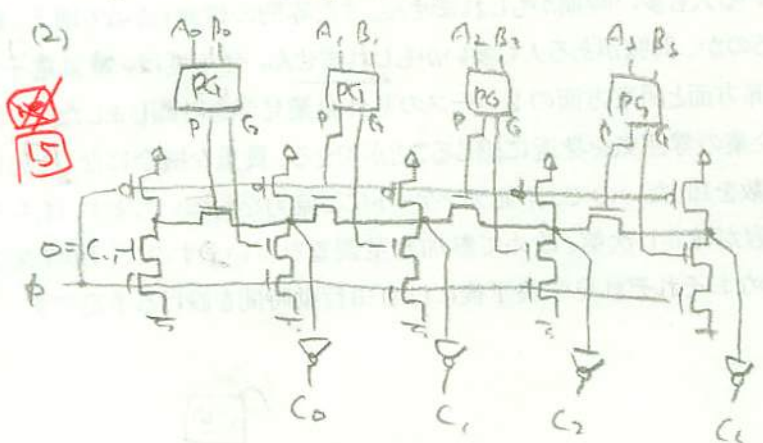
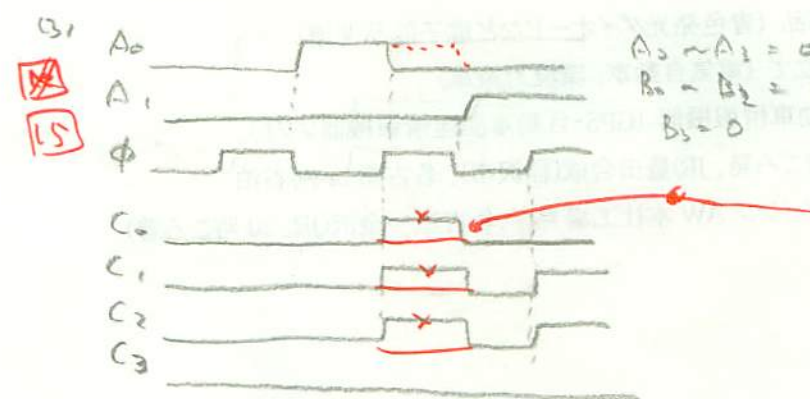


$C_0 = A_0 \cdot B_0$, $C_1 = A_1 \cdot B_1 + (A_1 \oplus B_1) \cdot A_0 \cdot B_0$
 $C_2 = A_2 \cdot B_2 + (A_2 \oplus B_2) \cdot (A_1 \cdot B_1 + (A_1 \oplus B_1) \cdot A_0 \cdot B_0)$
 $C_3 = A_3 \cdot B_3 + (A_3 \oplus B_3) \cdot \{ A_2 \cdot B_2 + (A_2 \oplus B_2) \cdot (A_1 \cdot B_1 + (A_1 \oplus B_1) \cdot A_0 \cdot B_0) \}$

$(\oplus \rightarrow + 2e^{-\frac{t}{\tau}})$
 $Q_2, Q_1, C_1, C_0, 5, 2, 7, 5$



$C_n \text{ in } \tau_{tot} = \dots$
 $\leftarrow C_{tot} = \dots$



7, 5, 2, 7, 5
 $\rightarrow 1, 4, 3, 2, 1$
 2, 2, 2, 1: \dots
 $C_{tot} = \dots$

2. (1) $-5 = 111011 = X$
 $+8 = 001000 = Y$

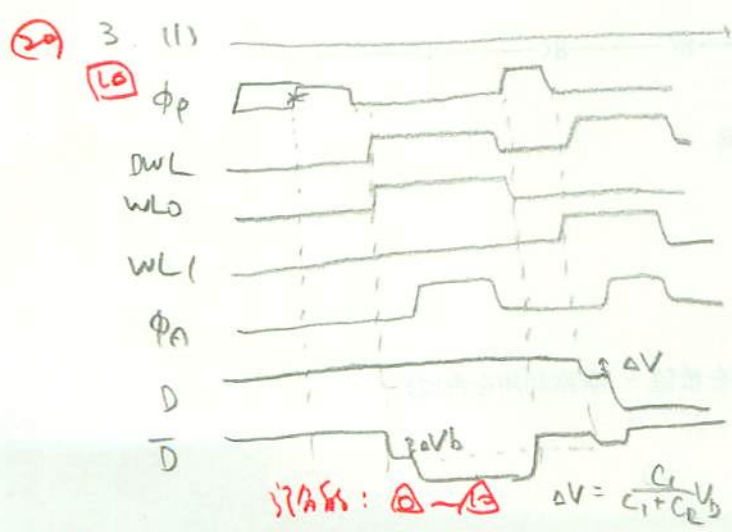
i	g_{2i+1}	g_{2i}	g_{2i-1}	T_i	Z_i
0	0	0	0	0	0
1	1	0	0	-2	-2×2^1
2	0	0	1	+1	$+1 \times 2^2$

$(-2X = 0001010)$

$$\begin{array}{r} 000000 \\ 0001010 \\ 111011 \\ \hline 1111011000 \\ \hline = -40 \end{array}$$
 (2) $0000101000 = 40$

6, 7, 5, 6, 7
 $\rightarrow 2, 4, 4$

(2) $i = 0 \sim \frac{16-2}{2} = 0 \sim 7$ a 8 bits



DRAM	SRAM	UV-EPROM	Flash
M	$\frac{6}{3} = 2A$	$\frac{2}{3}A$	$\frac{2}{3}A$
L			

$H = \frac{1}{3}$
 7, 8, 4, 17, 17

4. \dots
 5. \dots

