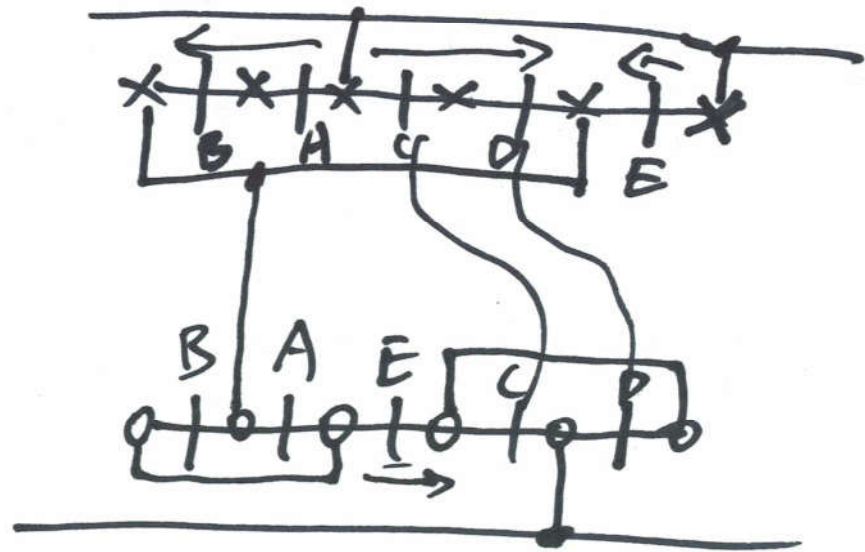
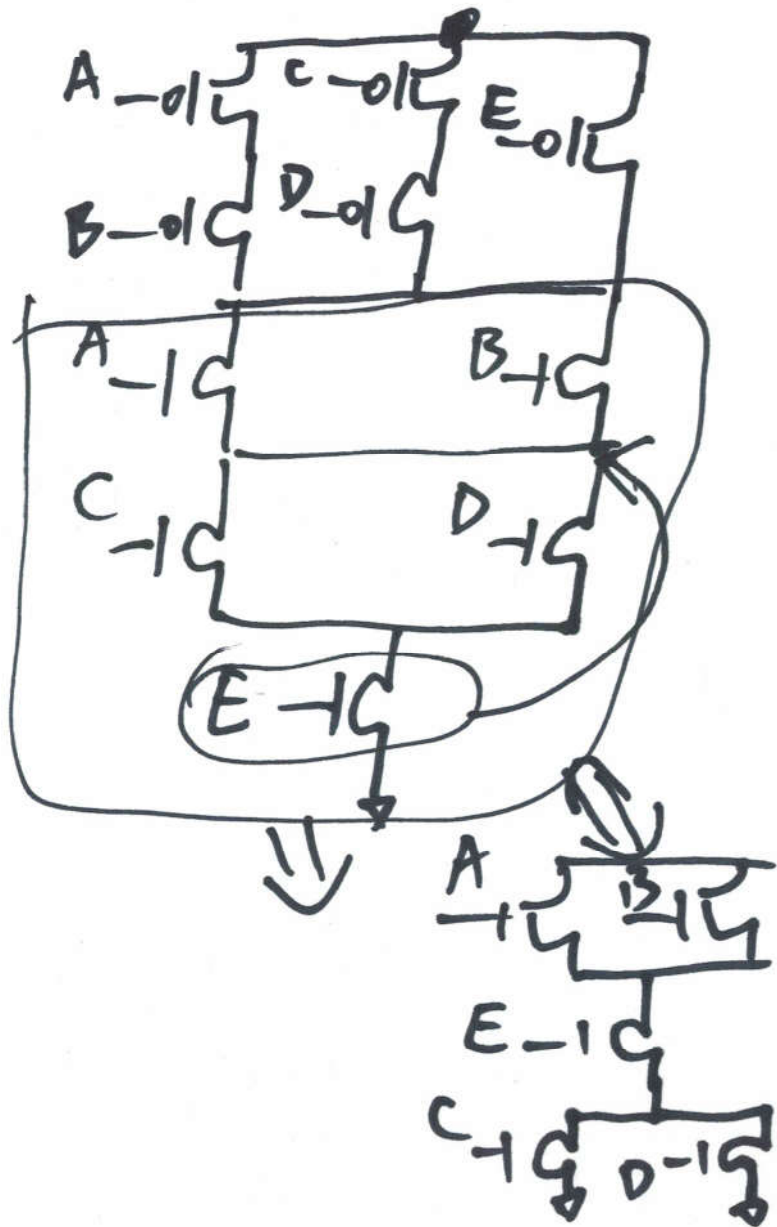
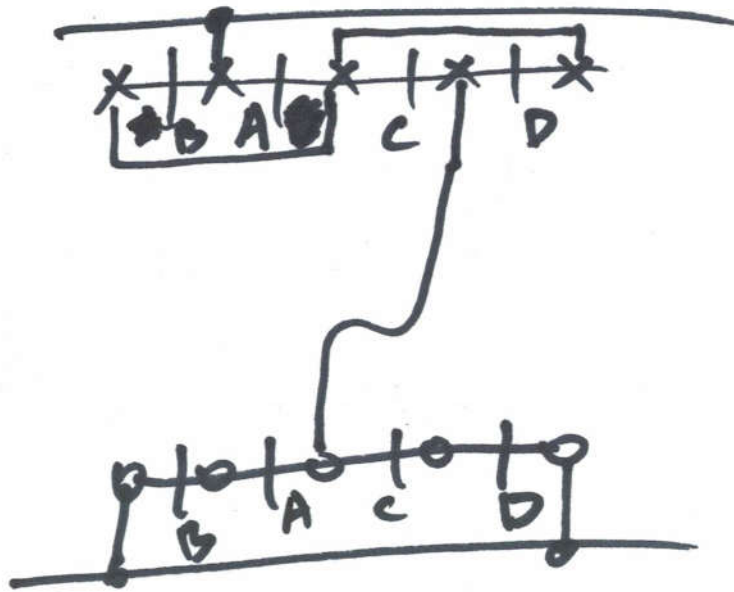
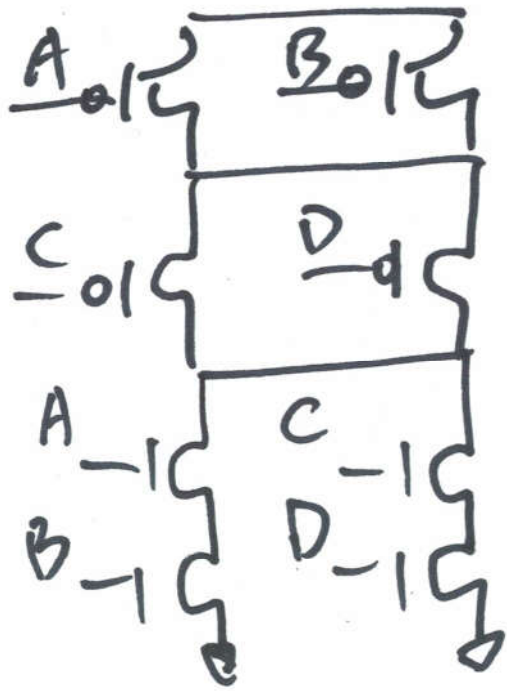


# HW3 Review

②  $G = (A+B)(C+D) \cdot E$

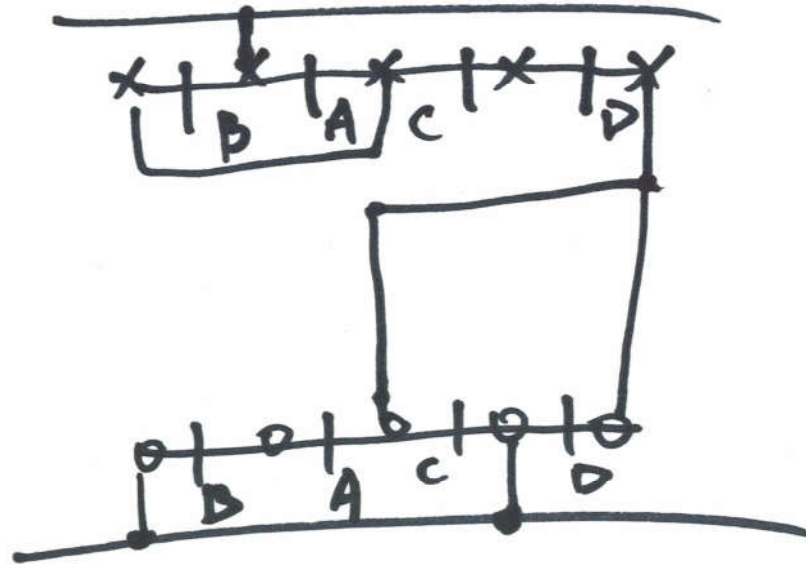
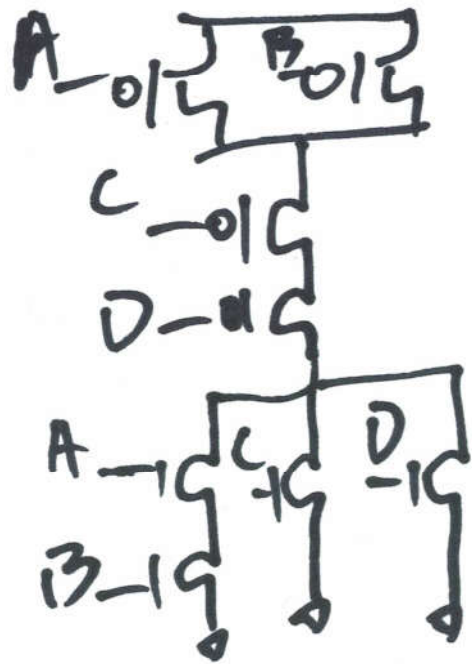


(f)  $G = \overline{AB + CD}$



(2)

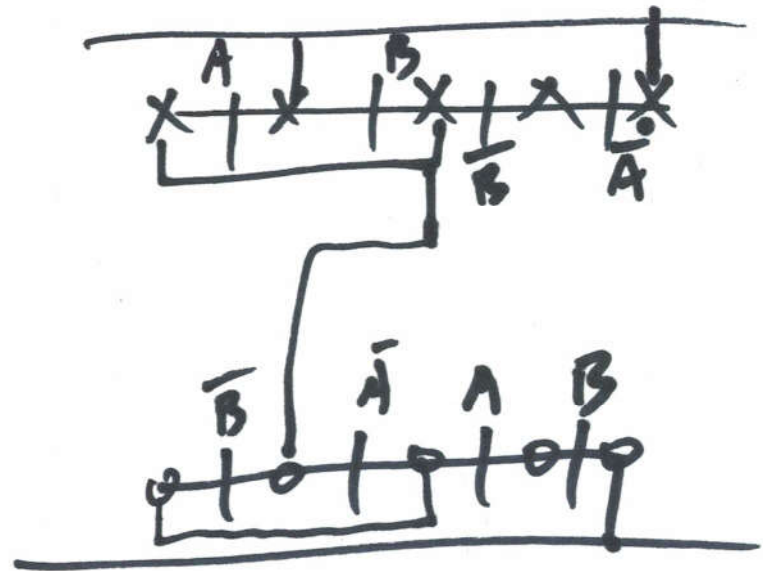
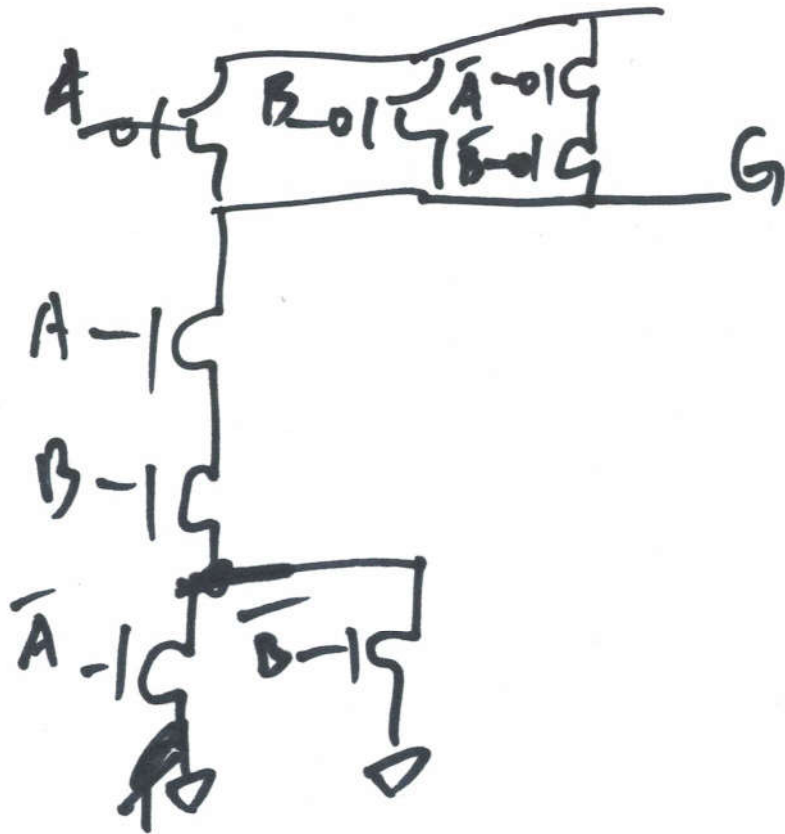
$$\textcircled{9} \quad G = \overline{AB+C} \cdot \overline{D} = \overline{AB+C+D}$$



③

$$\textcircled{w} G = \overline{A}B + A\overline{B} = \overline{\overline{A}B + A\overline{B}} = \overline{\overline{A}B} \cdot \overline{A\overline{B}}$$

$$\begin{array}{c} V_{DD} \\ | \\ \hline \end{array} = \overline{AB \cdot \overline{A}B} = \overline{AB \cdot (\overline{A} + \overline{B})}$$

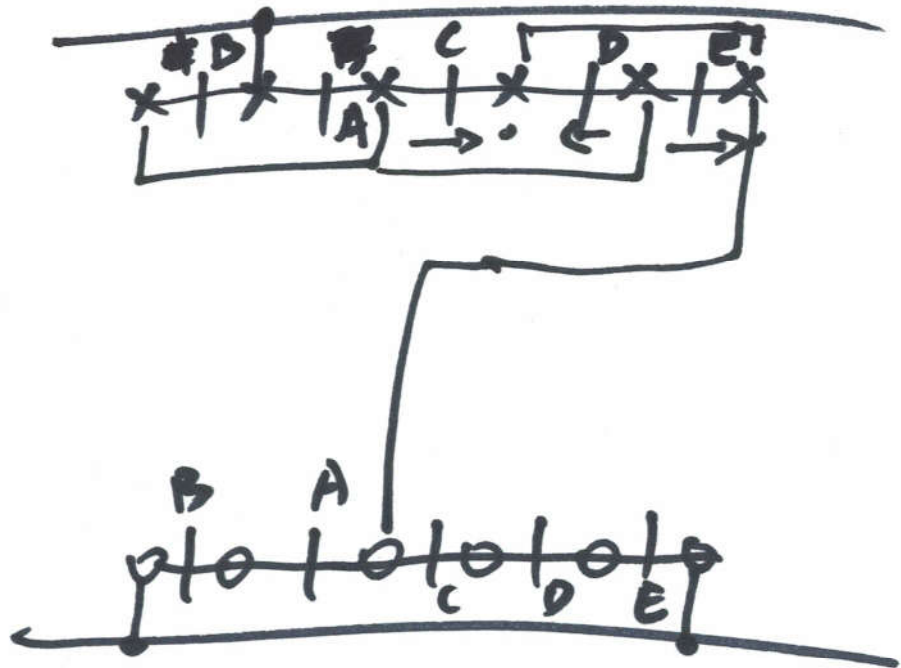
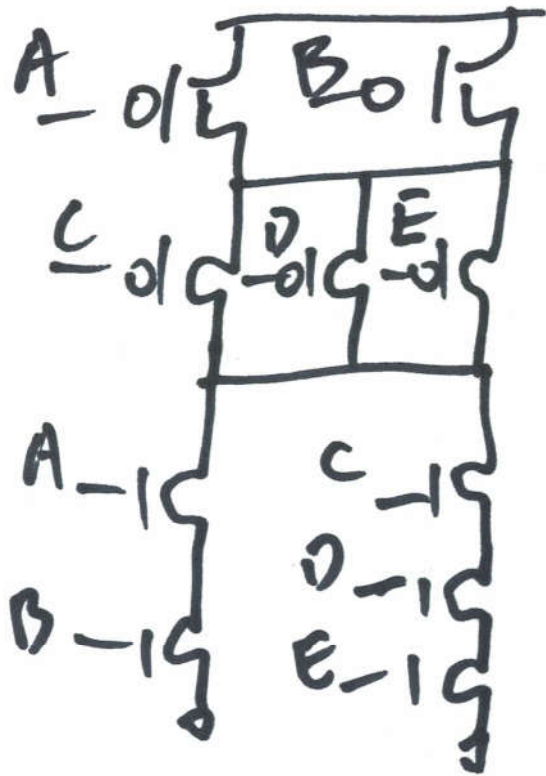


④

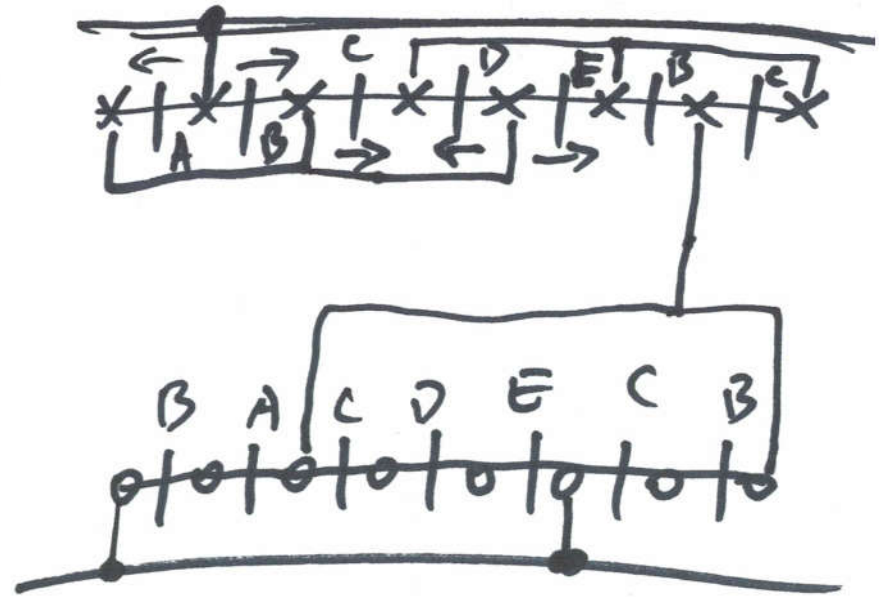
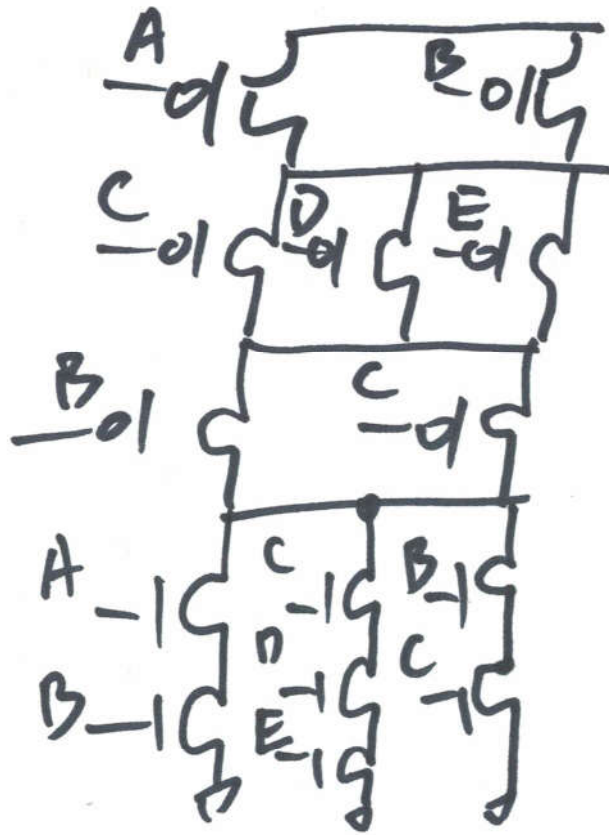
# QUIZ 4.

$$1. a. \quad \overline{(AB+CD)E+AB} = \underline{\underline{ABE+CDE+AB}}$$

$$= \underline{\underline{AB(E+1)+CDE}} = \underline{\underline{AB+CDE}}$$

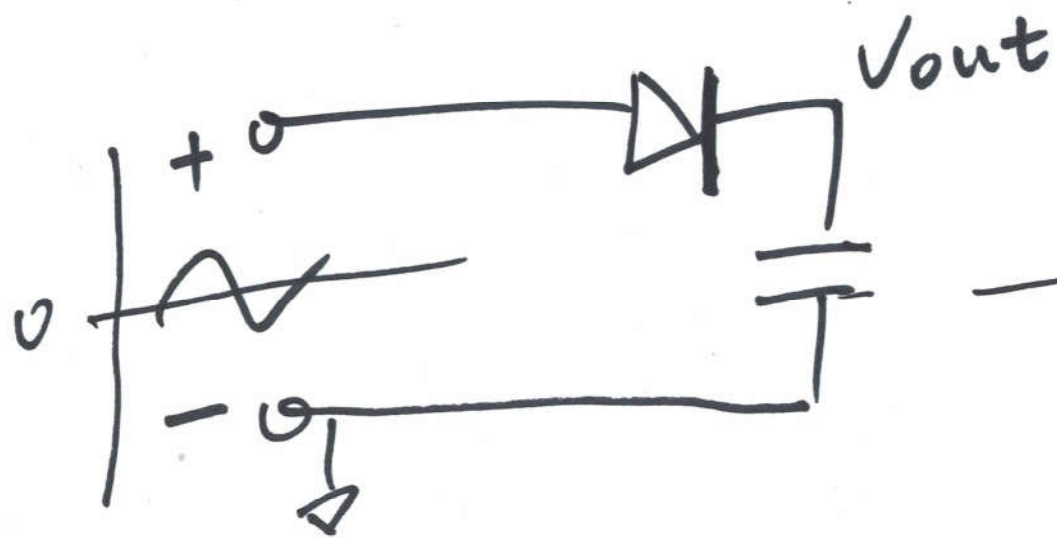


b. AB+ CDE+BC

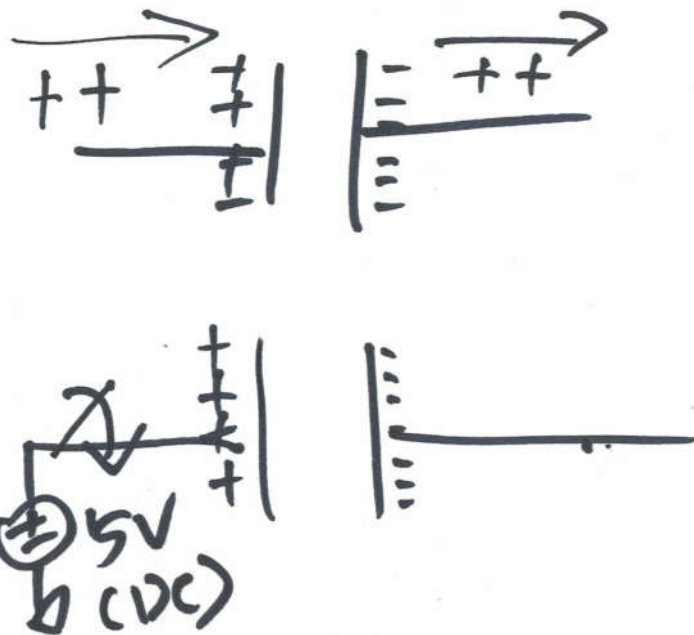
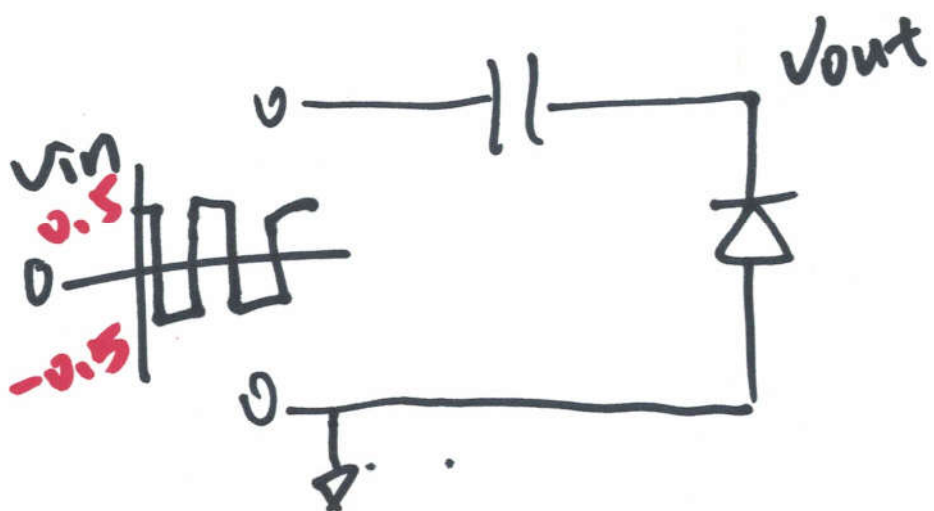
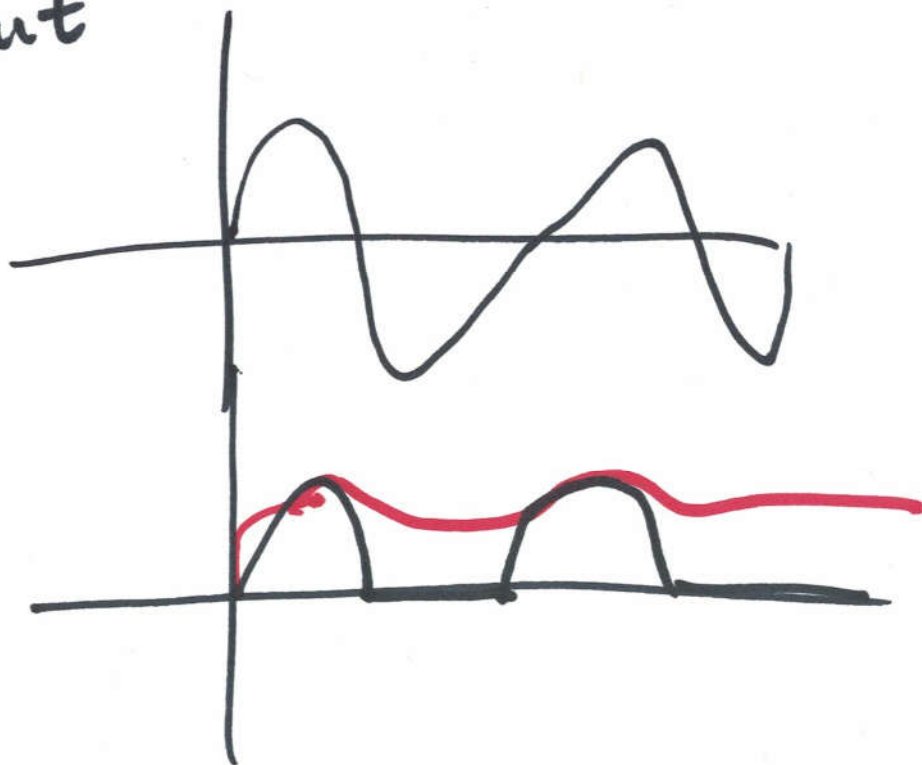


(6)

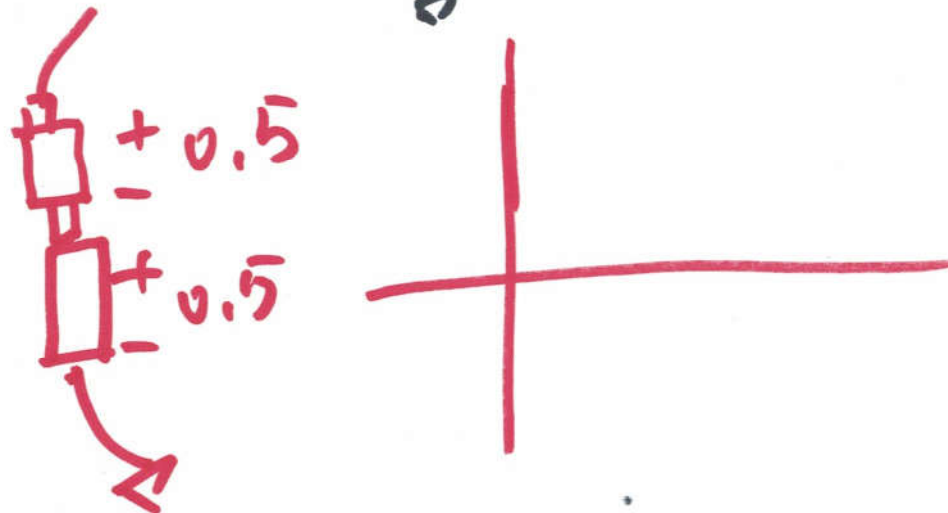
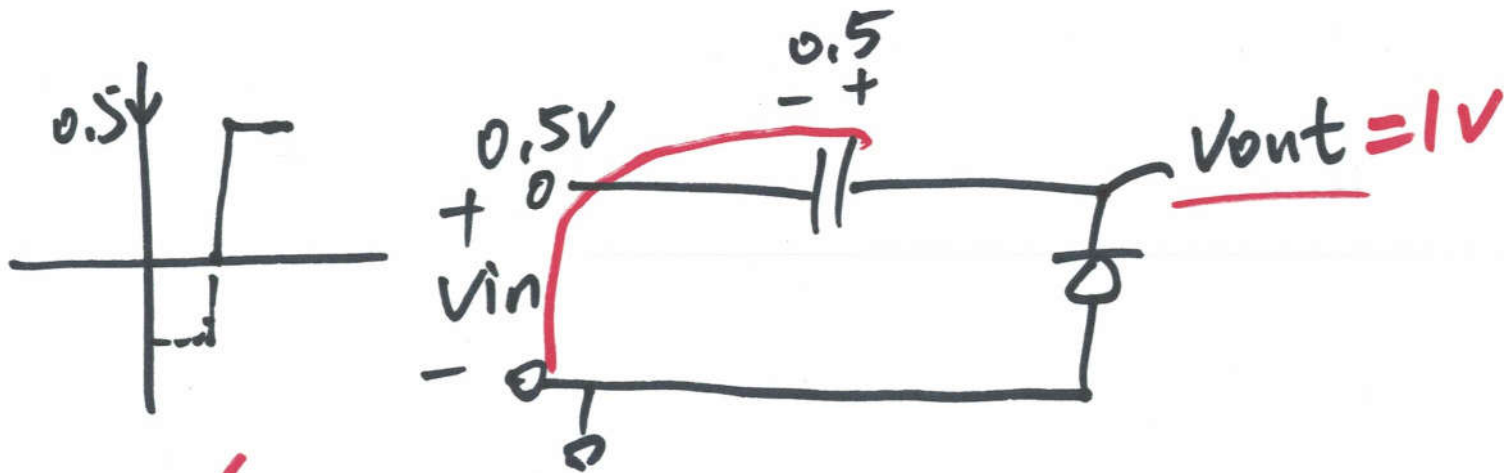
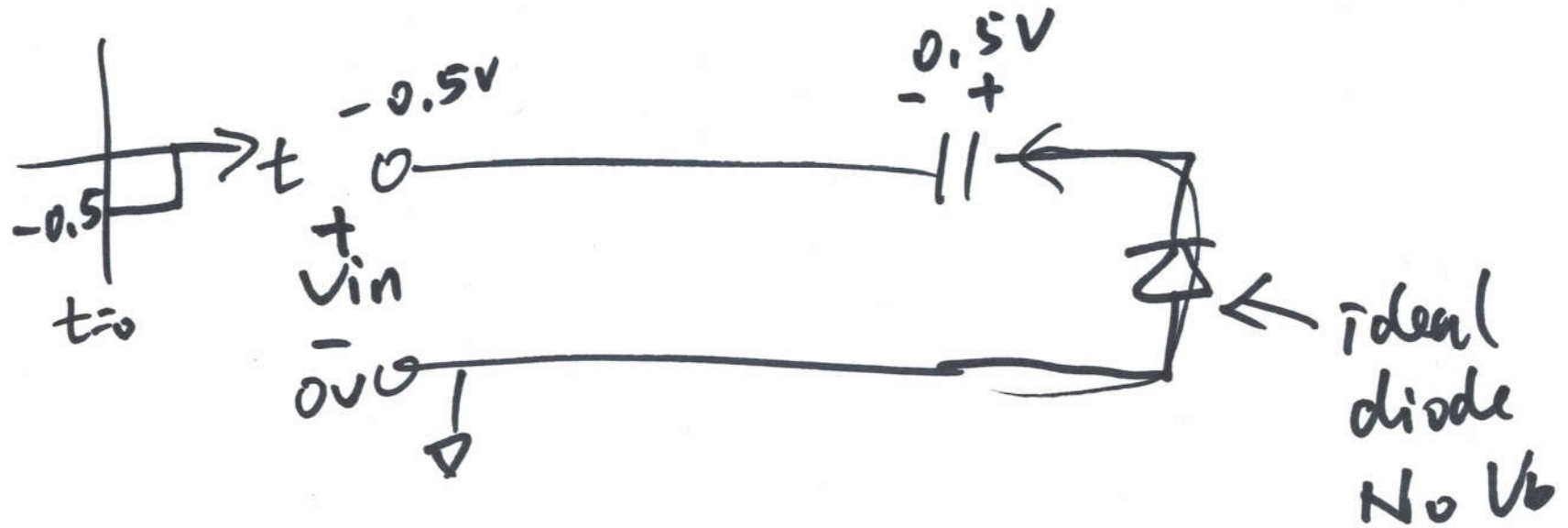




Half-wave rectifier

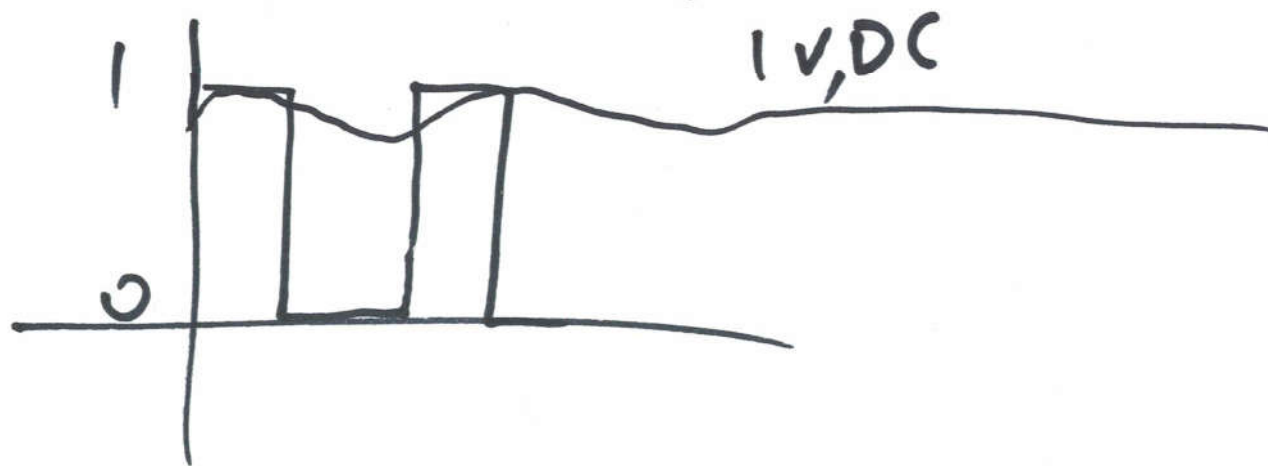
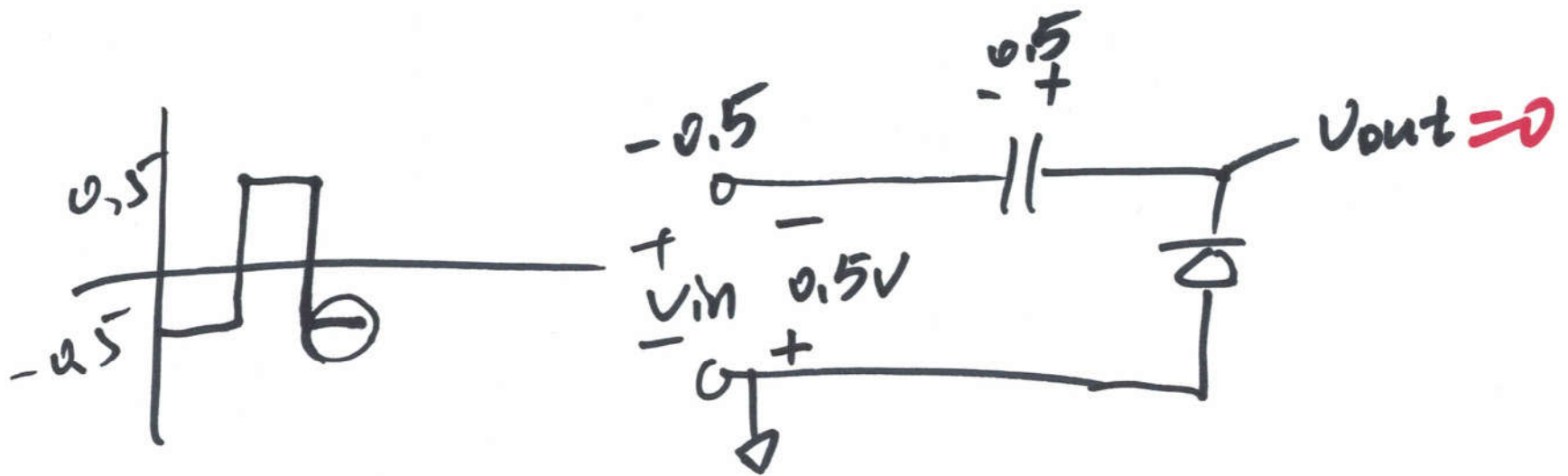


②



⑥





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