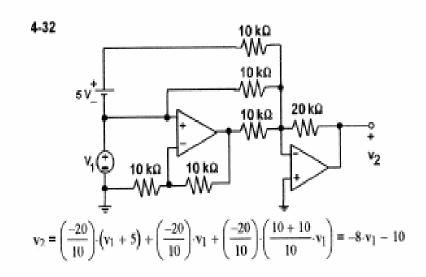
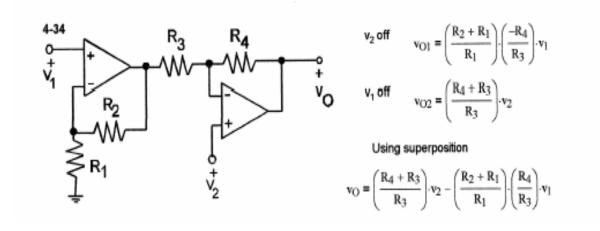
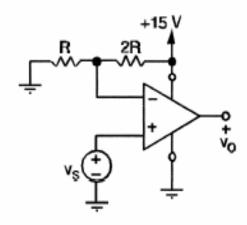
Homework Solutions 8



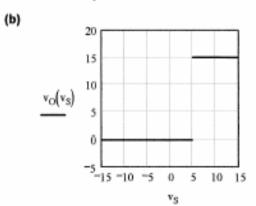


4-46
$$v_S := -15, -14.9...15$$



(a)
$$v_P = v_S$$
 $v_n := 5$ $V_{OH} := 15$ $V_{OL} := 0$

$$v_O(v_S) := \begin{vmatrix} v_{OH} & \text{if } v_S > v_n \\ v_{OL} & \text{if } v_S < v_n \end{vmatrix}$$



$$\textbf{4-47} \qquad \quad V_{OH} := 10 \quad V_{OL} := 0$$

(a)
$$v_P = v_S \quad v_n := -2$$

$$v_O(v_S) := \begin{vmatrix} v_{OH} & \text{if } v_S > v_n \\ v_{OL} & \text{if } v_S < v_n \end{vmatrix}$$

