

ECE 310 MICROELECTRONICS I

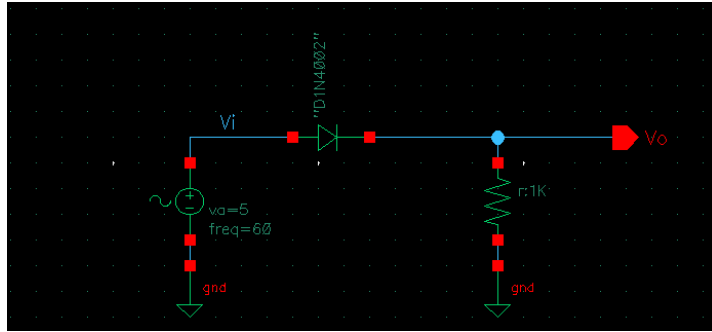
CHAPTER 3 - EXAMPLES

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FIGURE 3-28



Transient Response

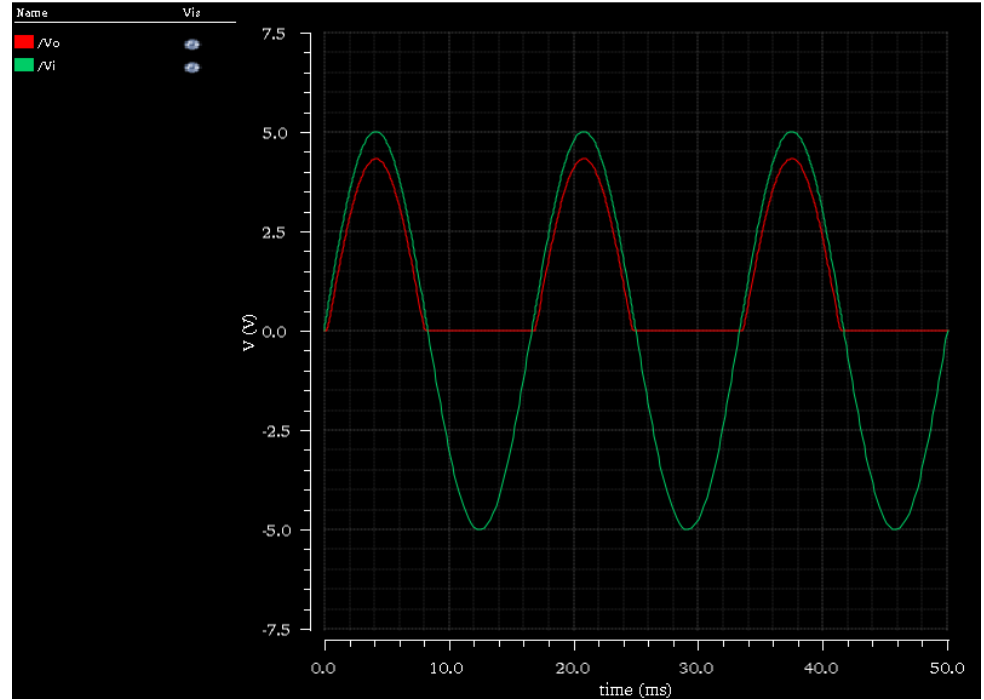
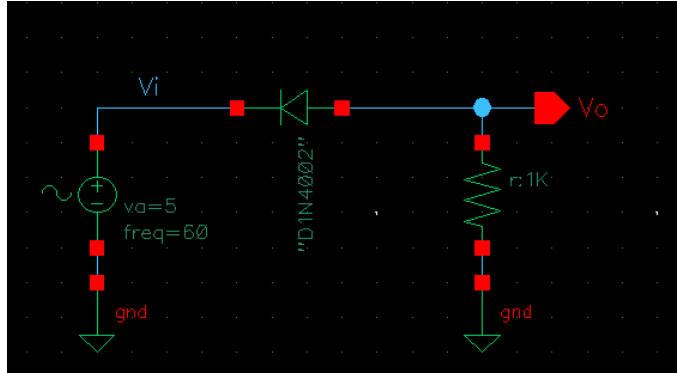


FIGURE 3-29



Transient Response

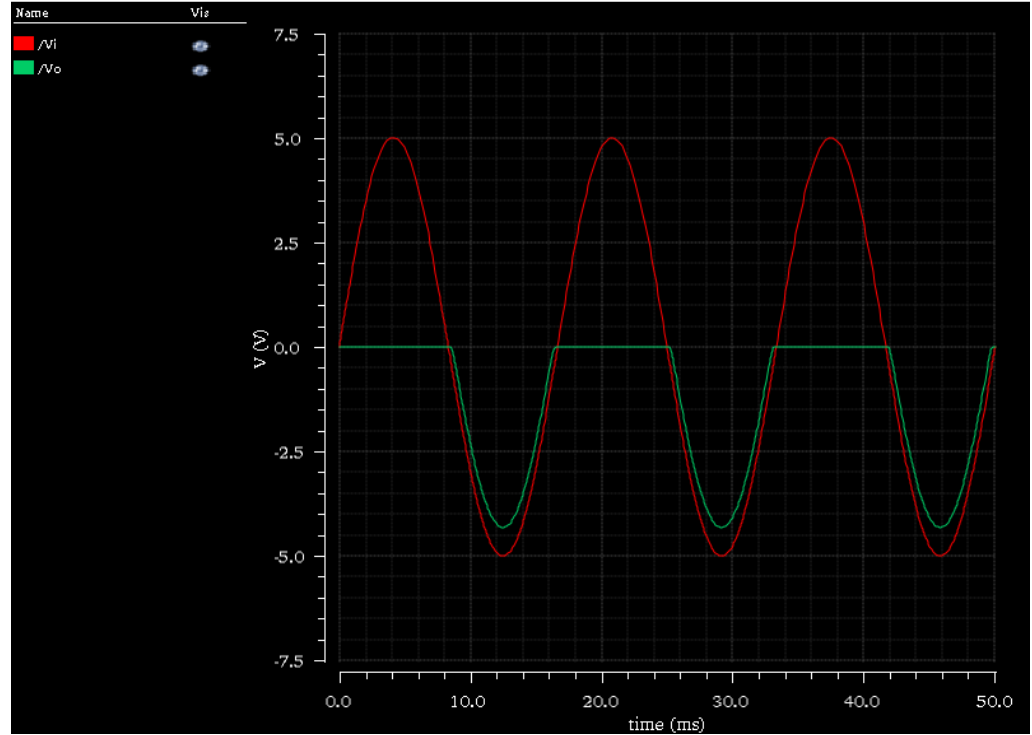
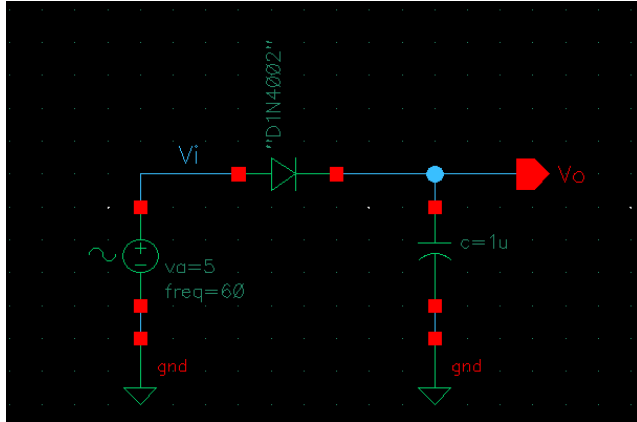


FIGURE 3-30



Transient Response

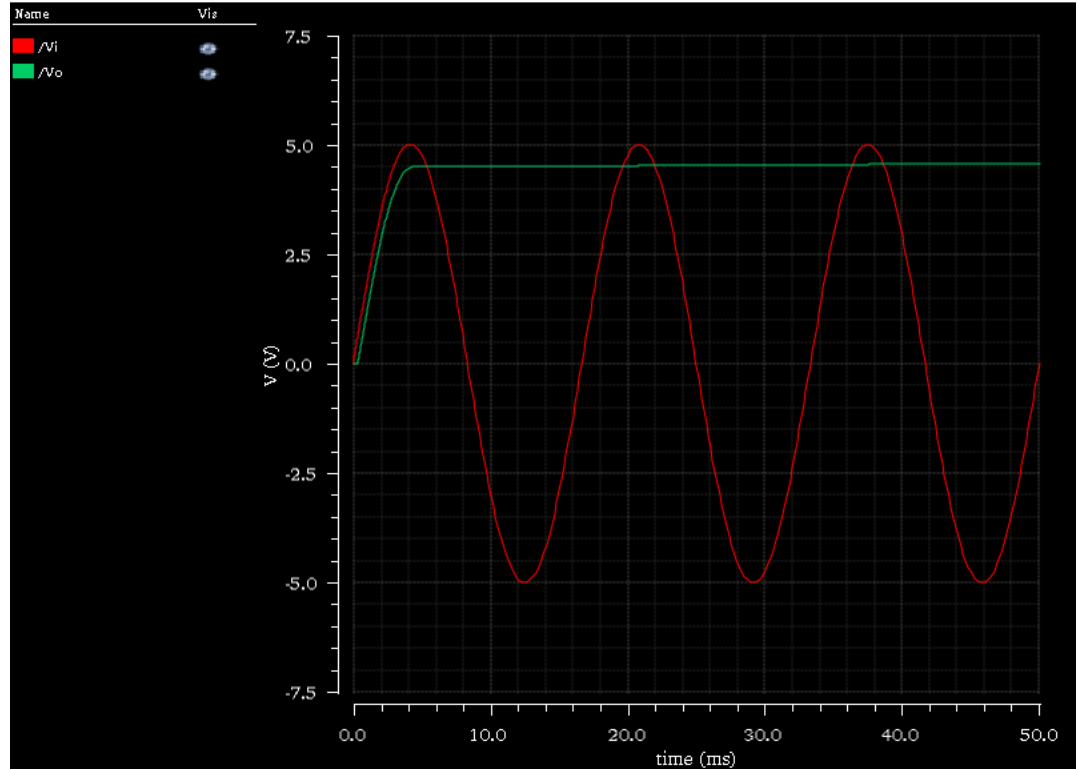
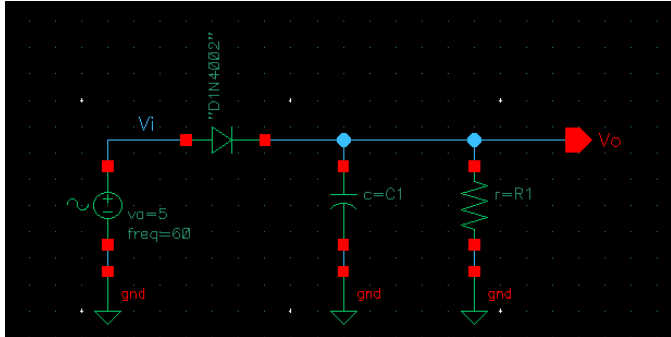


FIGURE 3-32



Transient Response

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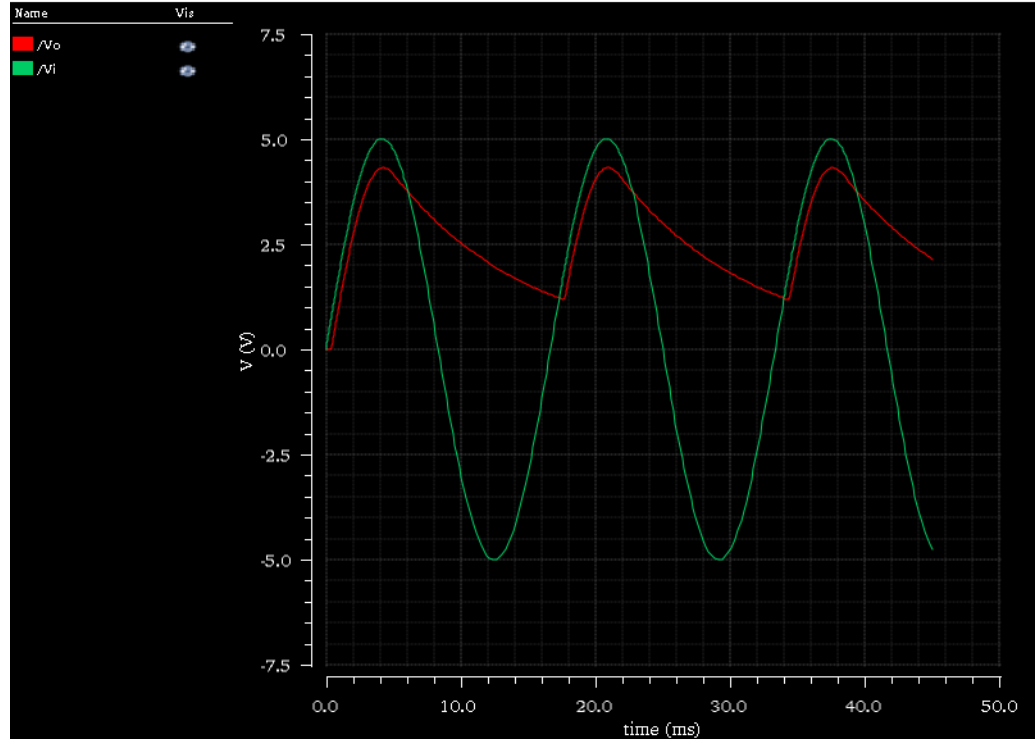


FIGURE 3-40

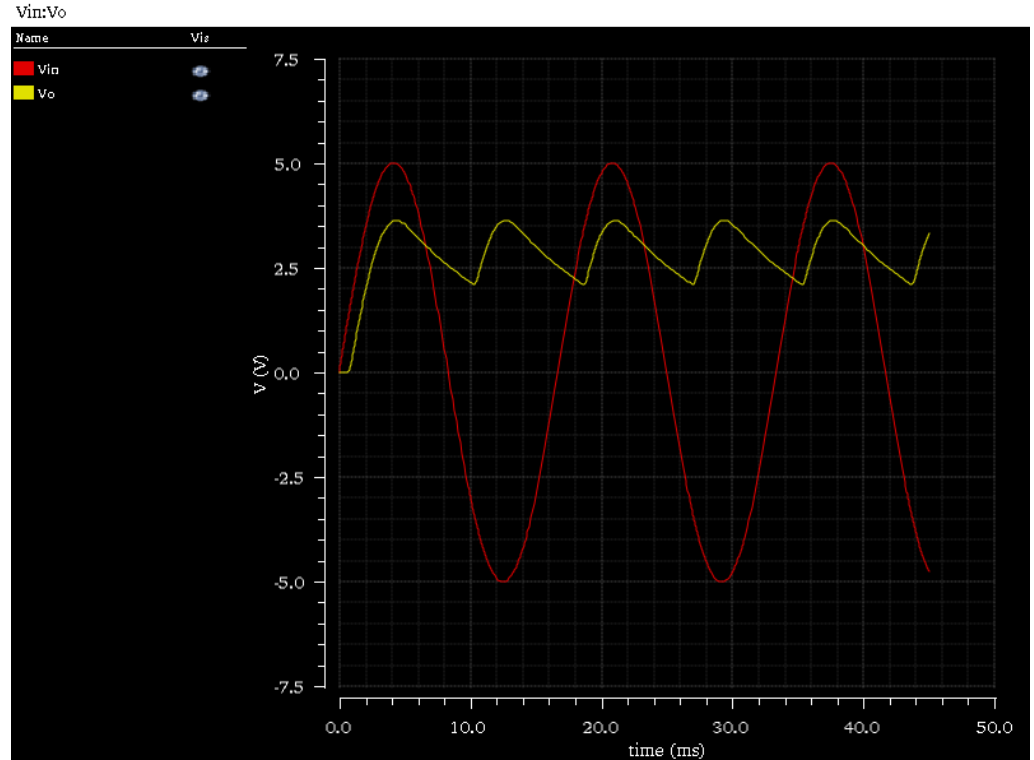
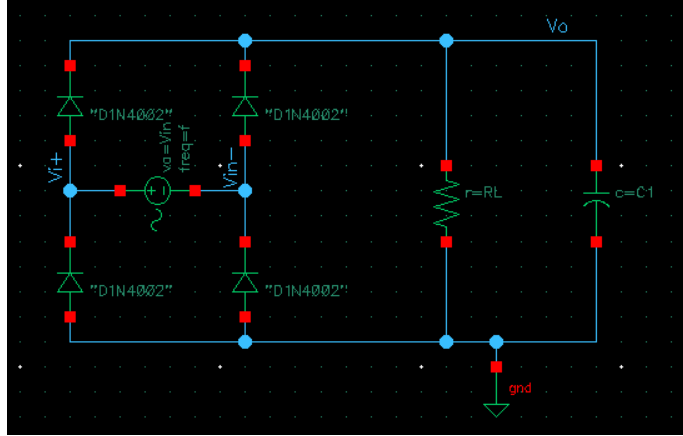


FIGURE 3-40

- $C1 = 0 \text{ F}$

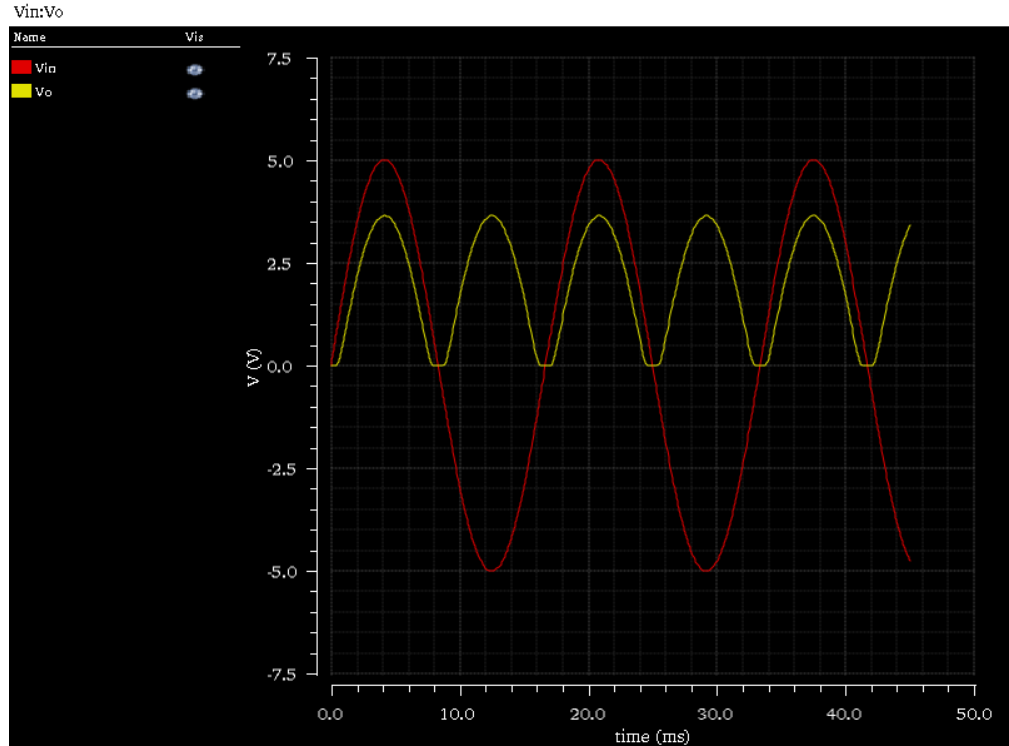
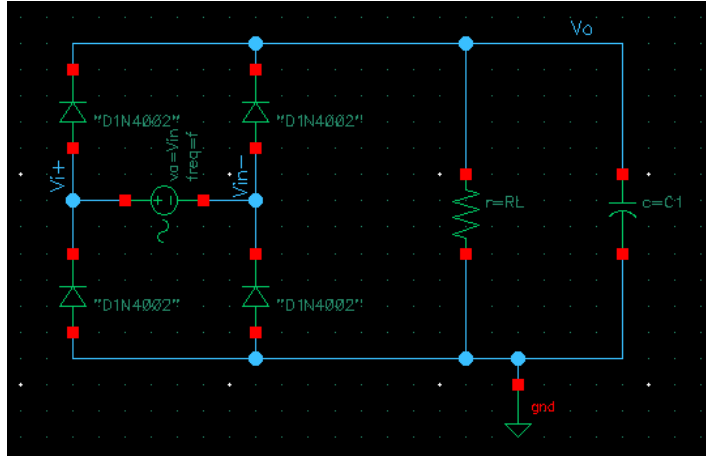


FIGURE 3-49 A

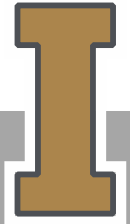
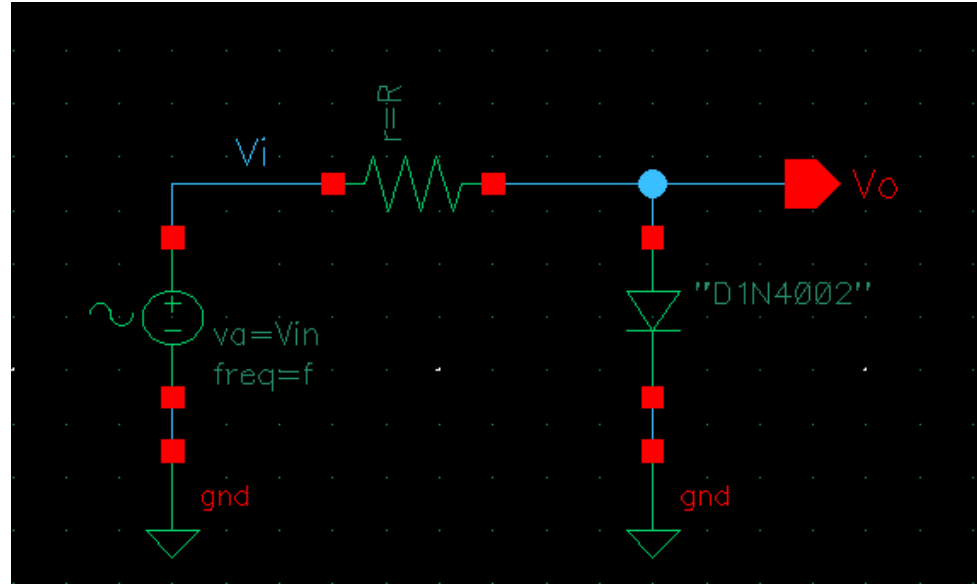
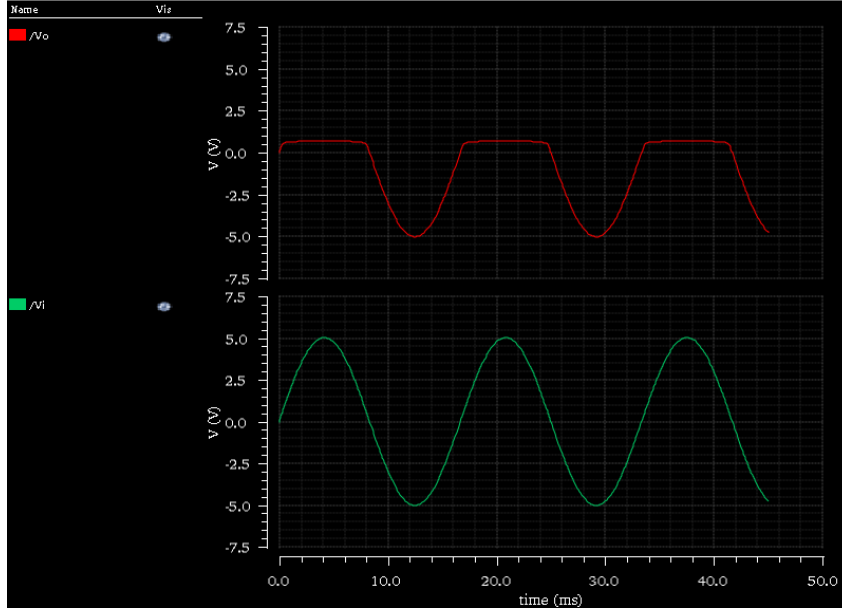


FIGURE 3-49 A

Transient Response



DC Response

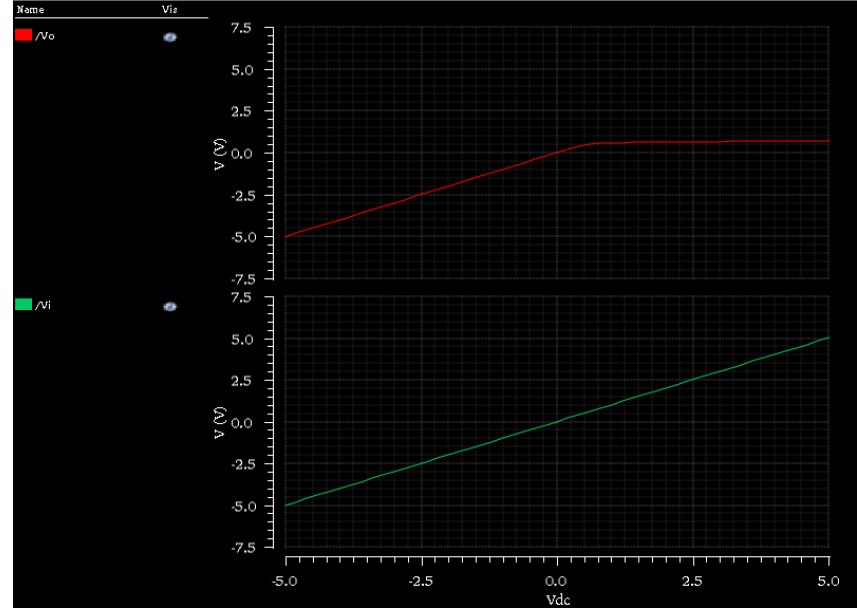


FIGURE 3-49 B

- $V_{B1} = 1V$

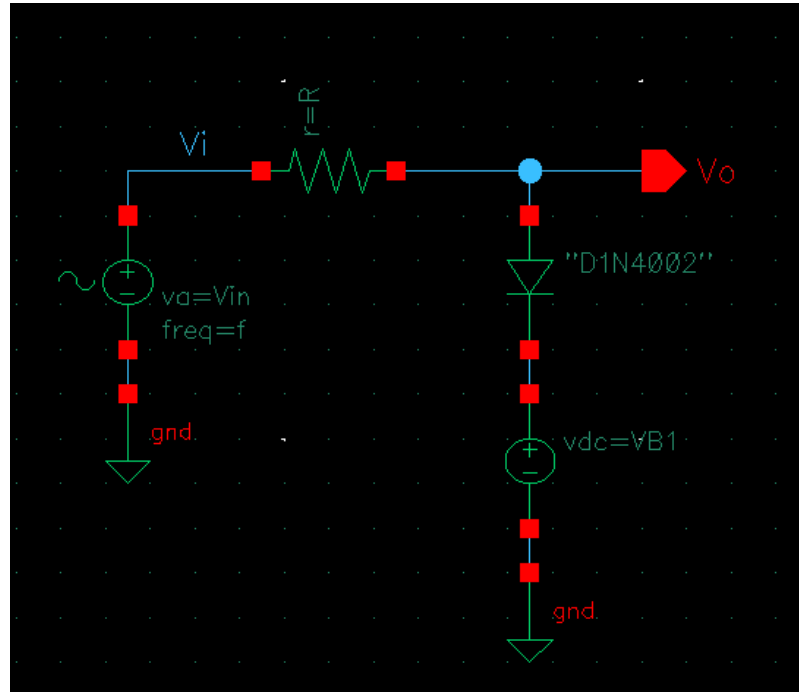
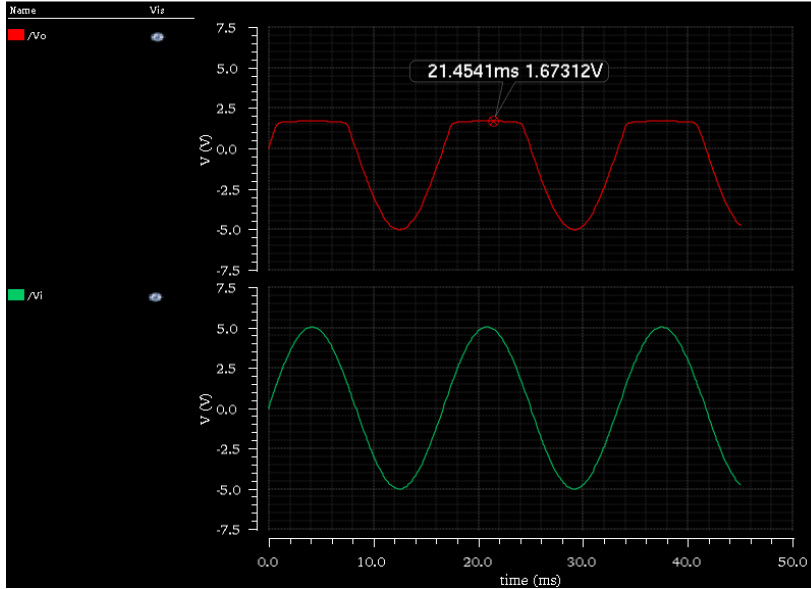


FIGURE 3-49 B

Transient Response



DC Response

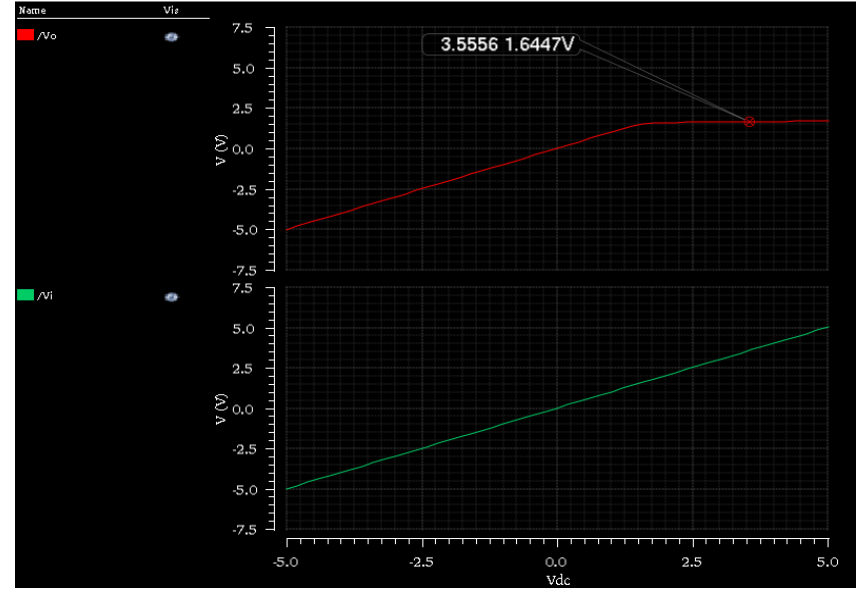


FIGURE 3-50 A

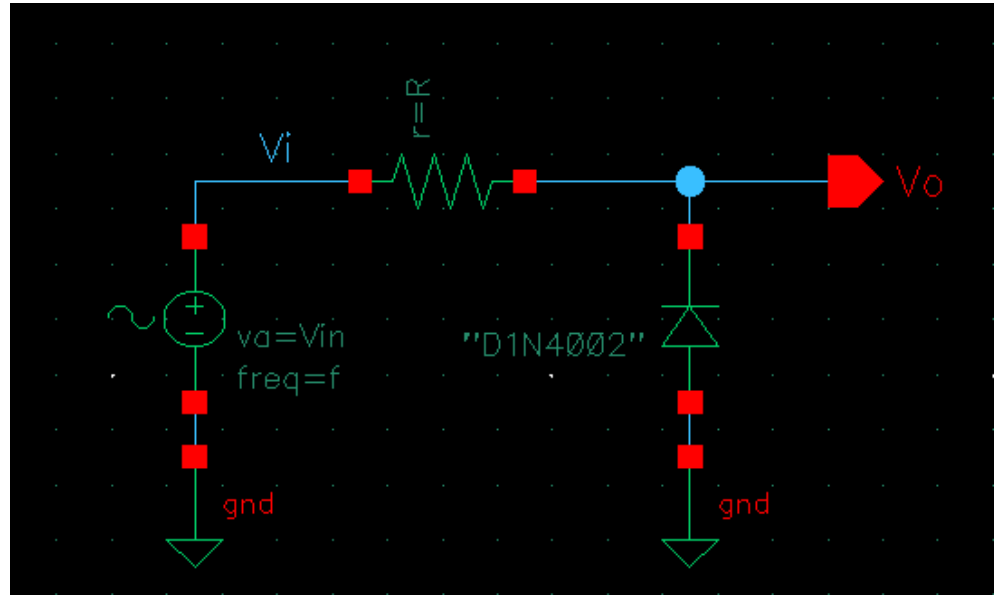
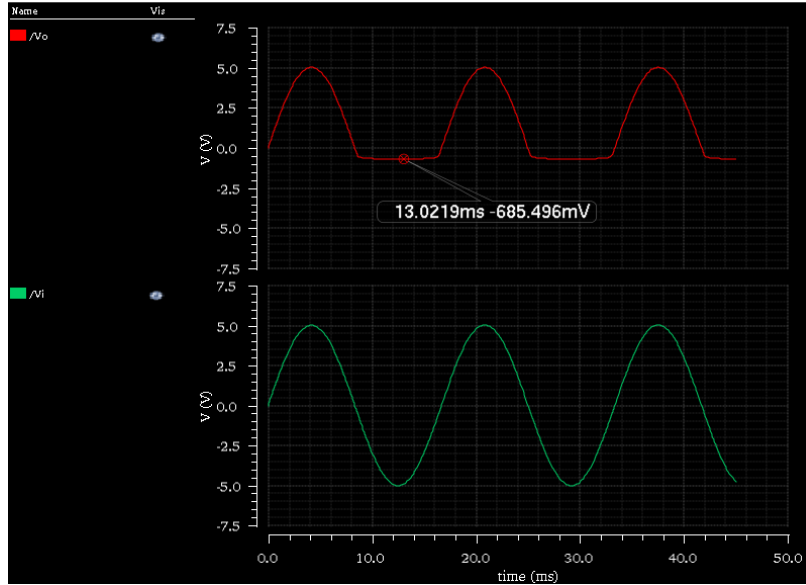


FIGURE 3-50 A

Transient Response



DC Response

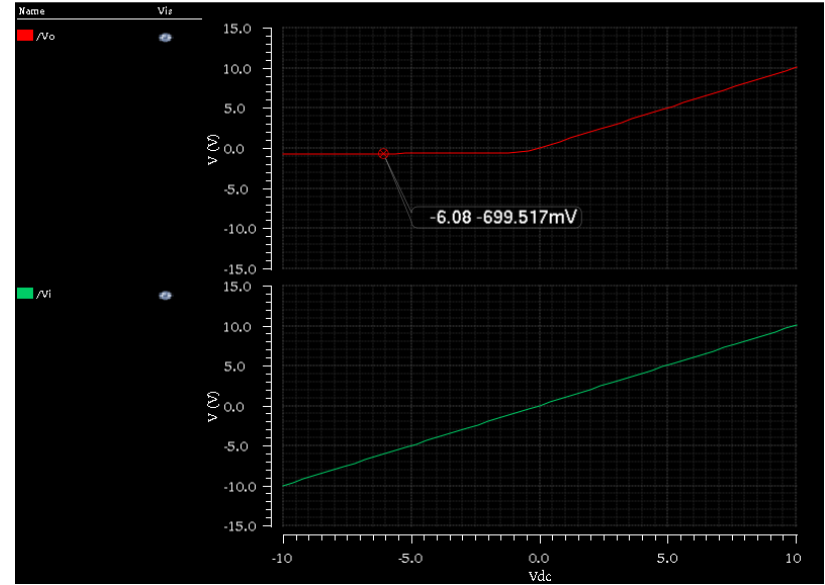


FIGURE 3-50 B

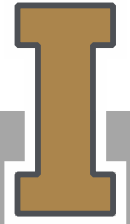
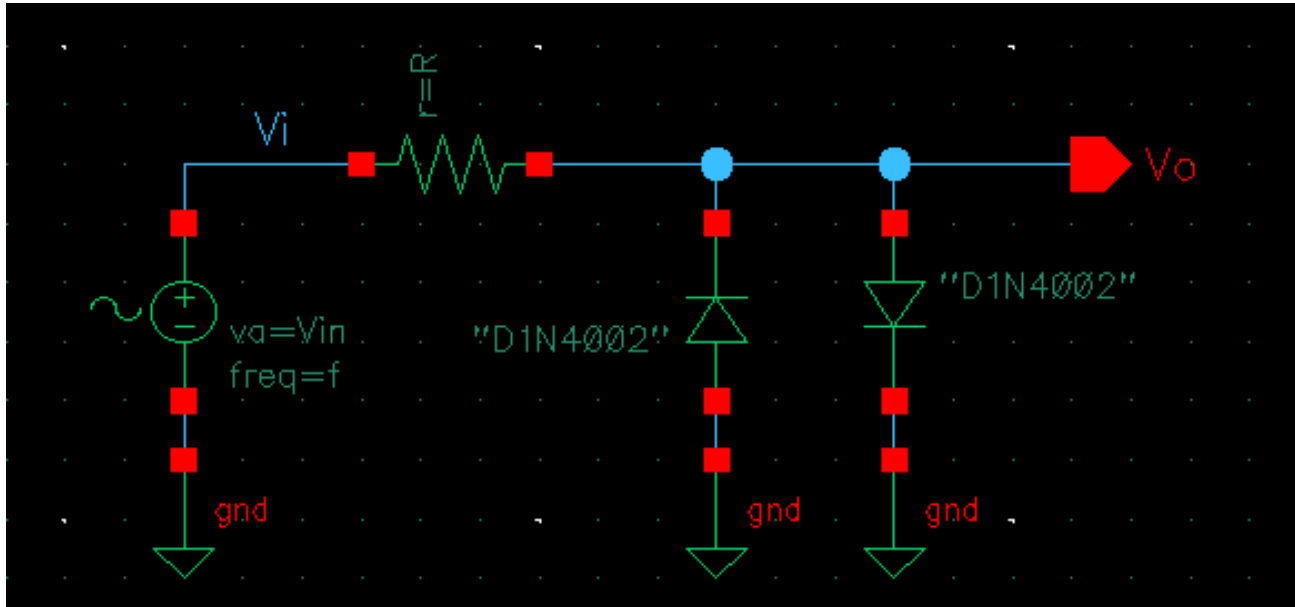
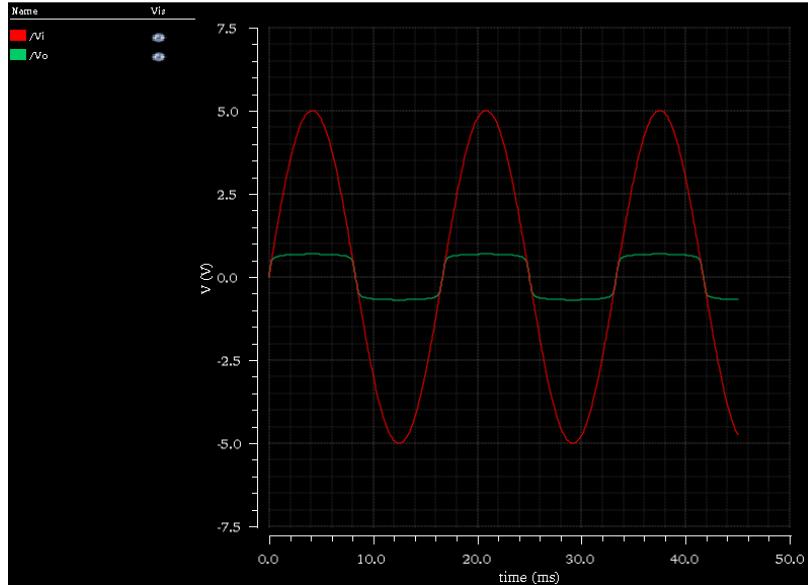


FIGURE 3-50 B (FIGURE 3-48)

Transient Response



DC Response

