

### Chapter 5, Problem 1.

The equivalent model of a certain op amp is shown in Fig. 5.43. Determine:

- (a) the input resistance.
- (b) the output resistance.
- (c) the voltage gain in dB.

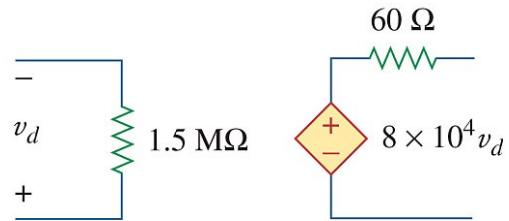


Figure 5.43  
For Prob. 5.1.