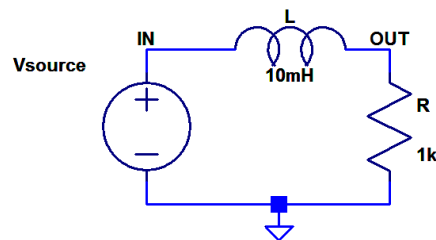
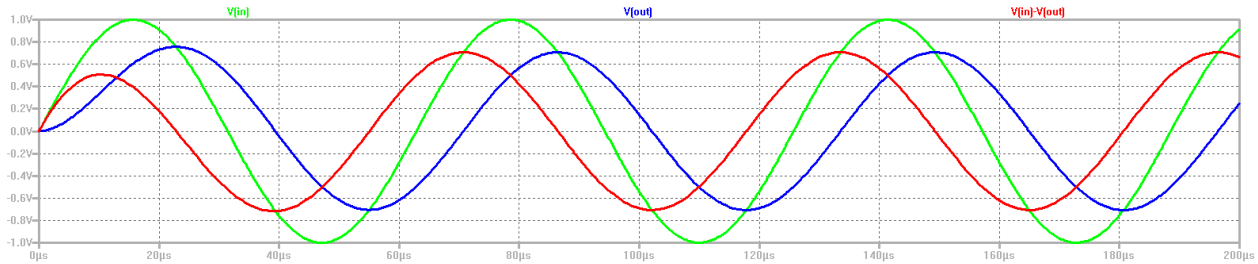


Plots for Quiz 2 Review Day

Given a data plot showing some parameter vs measurement increment (could be time, distance ...), annotate the plot and then tell the story of the data. List all assumptions/hypotheses and why you believe them. The data below are for problem 4 from Quiz 2, Fall 2015.

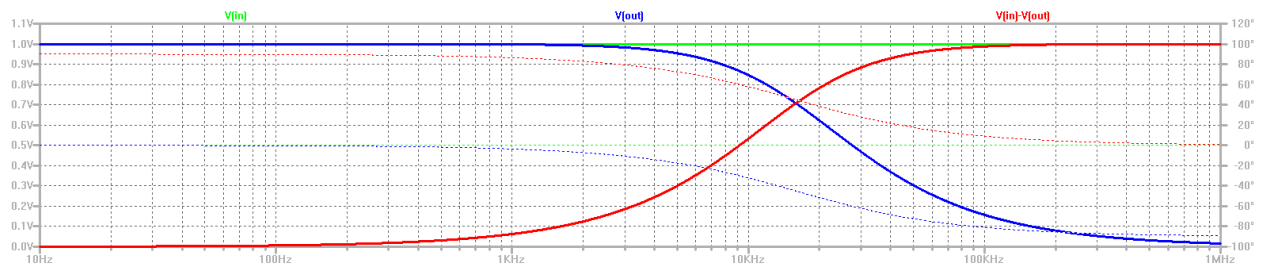


```
ac dec 1001 10 1Meg
```

```
SINE(0 1 15.91k)
```

```
AC 10
```

```
.tran 0 .2ms 0 .05us
```



- What is being plotted in each figure? Carefully read the labels, axis notations, values at each increment, etc.
- Identify the features of each signal, curve, etc. What are relative amplitudes, phases in first plot? Look for big features. Which is bigger? Which comes first or leads? Which lags? What is the frequency? Do all signals have the same frequency? Where are they measured? Features appear to be consistent with the corner frequency in top figure. Why?
- Do the features make sense? Are the figures consistent with each other? Where is the corner frequency in this figure? Are the features there the same as in the top figure?