

Lab1, Amplifier measurements

What shall we do?

1. By using an opamp build up a non-inverting amplifier the gain of which is 10. Measure the gain and the phase of this amplifier as a function of frequency (from 1 Hz to 10MHz). Draw gain versus frequency and phase versus frequency curves in your lab report.
2. By using an opamp build up an inverting amplifier the gain of which is -5. Measure the gain and the phase of this amplifier as a function of frequency (from 1 Hz to 10MHz). Draw gain versus frequency and phase versus frequency curves in your lab report.
3. Write a lab report and return it to Optima.
 - I. General Description of the Work
 - II. Measurements with results
 - III. Conclusions
 - IV. Feedback of the lab work (pros and cons)
 - V. Attachments
 - Schematics
 - Measurement results
 - Data sheets