

Analog IC Design Intern Application

Lab#1: SPICE

Prepared by:

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Reasons For Sending After OverDue and not being accepted:

1. I understood the problem Correctly after searching it was easier than I expected
2. I would like to know a feedback on my work because I may did something wrong again because I learn well this way
3. The question in interview was so easy but I didn’t answer because I worried you ask a harder question about analog design not control theory,
4. I studied control theory last year and we built analog low freq. filters based on mathematical modeling approaches which we learned while studying control theory course

1. I didn’t remember all of this as it was long time ago and this year of study we were focusing on electro-magnetics theory and microwave-antenna design approaches.

# Problem 1:

**Code:**

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\* Requirement 1

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E1 mid gnd plus minus 1e4

R1 mid out 4k

C1 out gnd 3.97pf

.ENDS nonidealopamp