Research paper assignment

Assigned 3/16/06  due 3/30/05

Select a micro/nano fabrication topic of your choice and write a short research paper on the subject. Select a topic linked to an application. Use the textbook (Campbell/Jaeger) as a reference when possible. Structure the paper with a title, abstract, introduction, summary and conclusion.

Relate the topic of your choice to the activities in the lab when possible. Describe why you have chosen the specific topic.

Example topics:

1. DLP micro-mirror technology (Application: DLP projectors)
2. GaAs PHEMT devices and circuits (Application: wireless handsets)
3. High power laser diodes and amplifiers (Application: pump for YAG lasers)
4. Integrated electronics and sensors (Application: Automotive systems)
5. Integrated micro fluidics (Application: lab on a chip)