

### **Team Project:**

Pick a post Silicon memory or MOSFET device options (most successful device technology) and write an “evaluation” report whether company X should invest in this technology. It is up to you to decide what to include in the report but recommendation should include at least the following.

- (i) Historical and projected future MOSFET trends.
- (ii) On quantum, statistical mechanics, and or device limits.
- (iii) Potential advantage of post Silicon memory/device option.

Suggestion: Start with a good literature search. Use excellent free service of electronic journals on-line. Use Matlab for calculations and graphs.

Requirements: Work in groups of ~4. Turn in 1 report. Due April 22 (last day of class).