Homework #6 Due: 10/20/2011

1) Read Chapter 6 (Jaeger)
2) Jaeger problems 6.1, 6.3, 6.5, 6.7

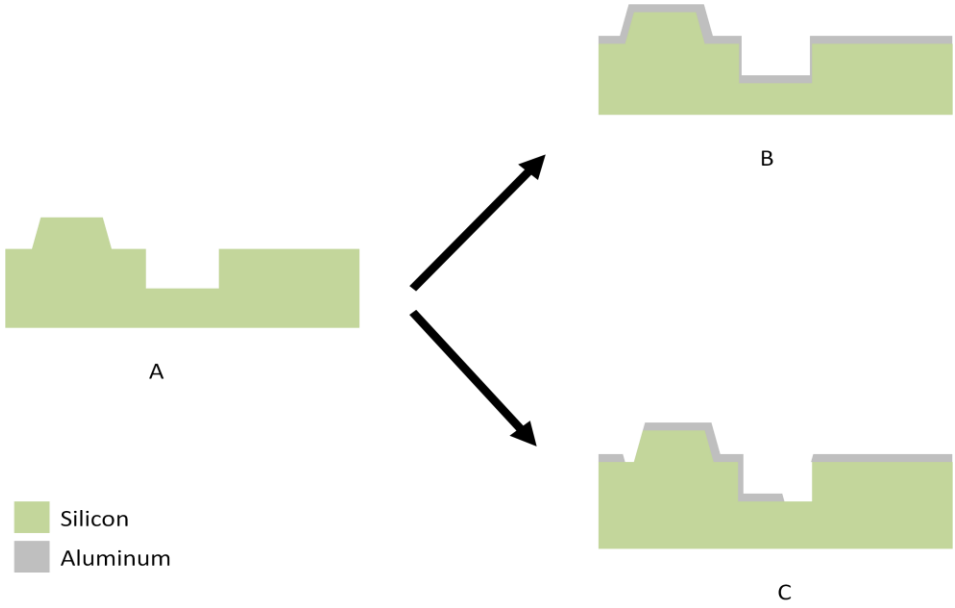


Figure 1

3) Design problem:

   Use Figure 1 above to answer this question. Assume you have fabricated a silicon wafer to a point where a crossection of your sample looks like (A). You want to conformally coat the wafer with aluminum metal, and therefore give it to one of the lab technicians to do for you. If you received your wafer after the aluminum deposition and it looked like (B), what is the most likely method the tech used for the deposition? If it looked like (C), what could the deposition method have been? Justify your answers.

4) Group Activity problems.