

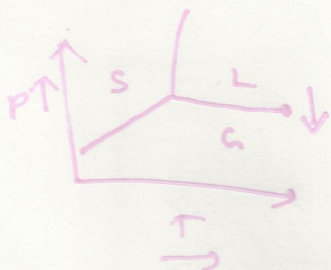
Design / Tutorial / Problem solving session

Case studies related to following issues.[†]

- 2D patterns : Design consideration.
 - Negative vs positive resist.
 - Mask patterns.
 - Etching route.
 - Time for the process.

- 3D lithography using 2D capability
 - Tricks & tips.
 - Issues in design of a released cantilever beam.
 - Choice of materials
 - Etchants
 - Issues with microscale.
 - Special procedures (e.g., super-critical drying)

- Stereolithography for 3D structures.



- "Process" (What is it?)
 - Why?
 - How?

[†]The discussed problems illustrate each of the above issues.