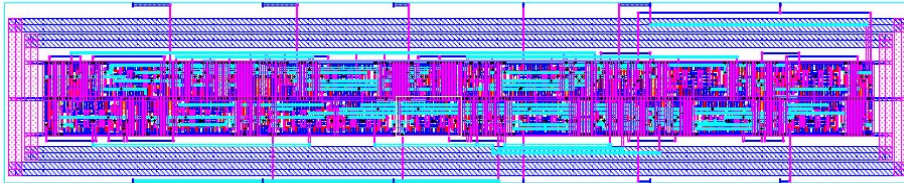# CS/ECE 5710/6710
Digital VLSI Design

VLSI Sketchbooks

VLSI Sketchbook

◆ I encourage you to try a sketchbook!
- It should be at least 5x8"
- It should be plain, unlined paper
- Ideally it should be "nice" drawing/sketching paper
- It doesn't have to cost very much

◆ Also colored pencils
- These don't need to be fancy, but you'll need at least a few colors

VLSI Sketchbook

◆ What types of things go in a sketchbook?
  ▪ Sketches!
  ▪ That means ideas, thoughts, things you see that you find interesting, things you see that remind you of engineering issues, random patterns, etc.
  ▪ Some of my suggestions will seem unrelated
    ● i.e. to look at artists' work that is "chip-like" and draw some examples of similar images
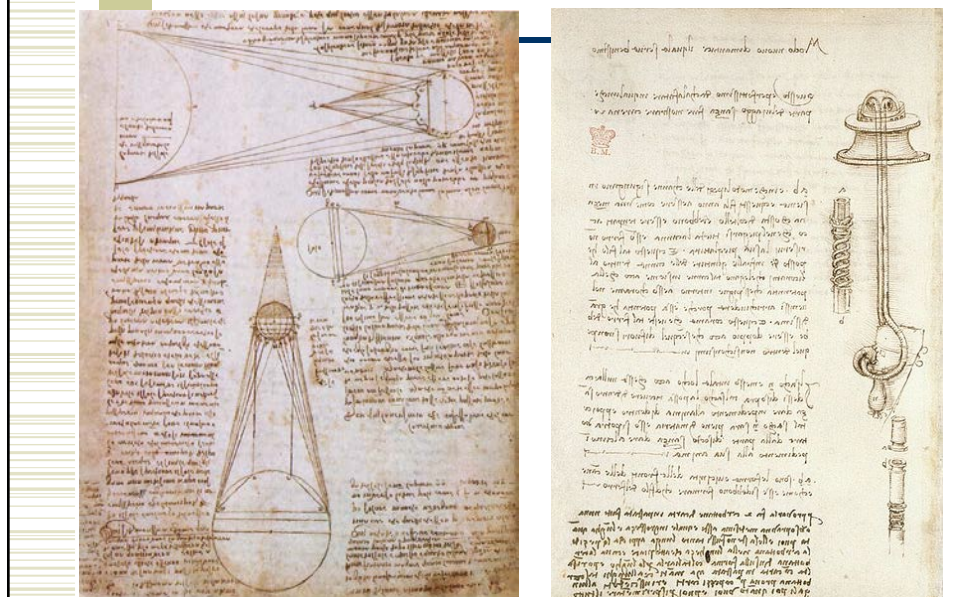 ▪ These are designed to get you thinking, and to loosen up your drawing/sketching skills
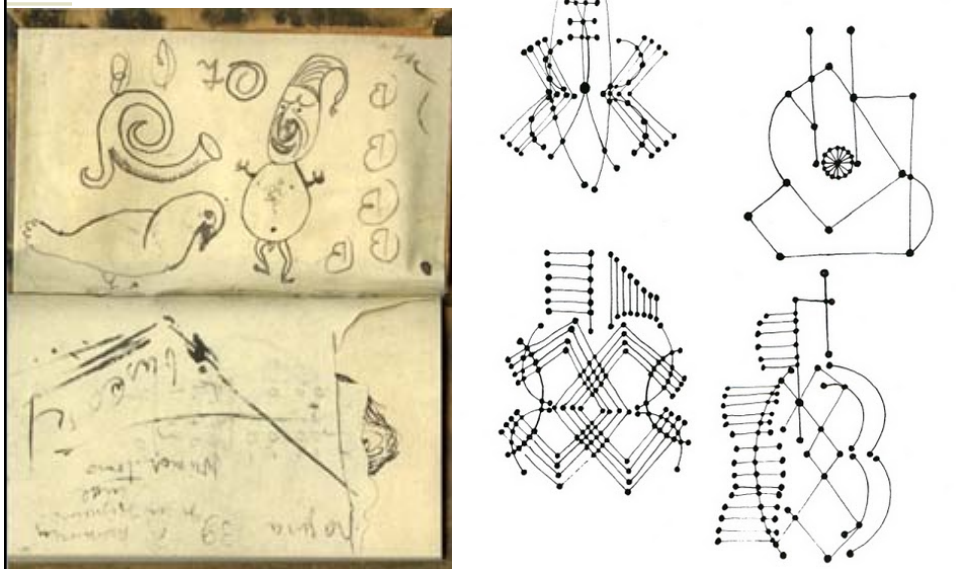
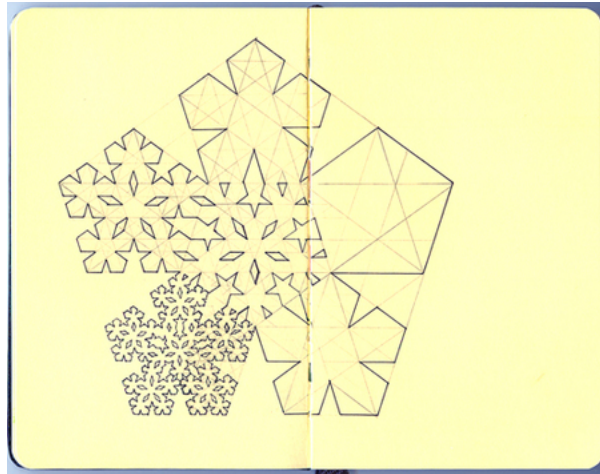# Sketchbook Examples

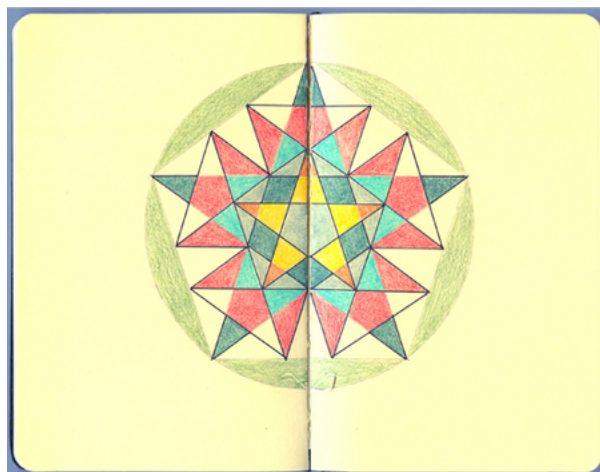# Leonardo
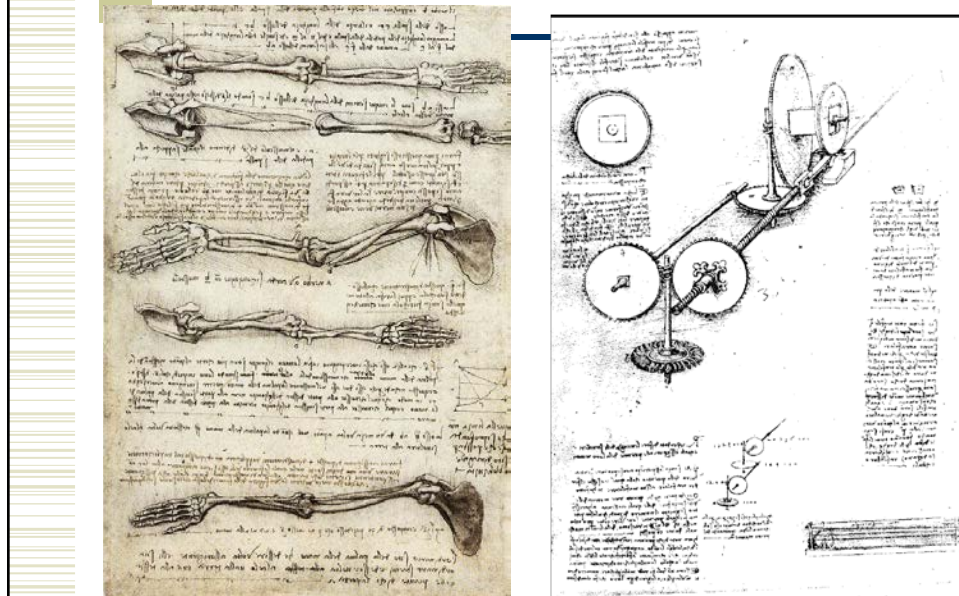
Leonardo

Picasso

Picasso

Delacroix

Delacroix

sketchingspirit.typepad.com

sketchingspirit.typepad.com

sketchingspirit.typepad.com

Lewis and Clark

Lewis and Clark

Patterns and Shapes
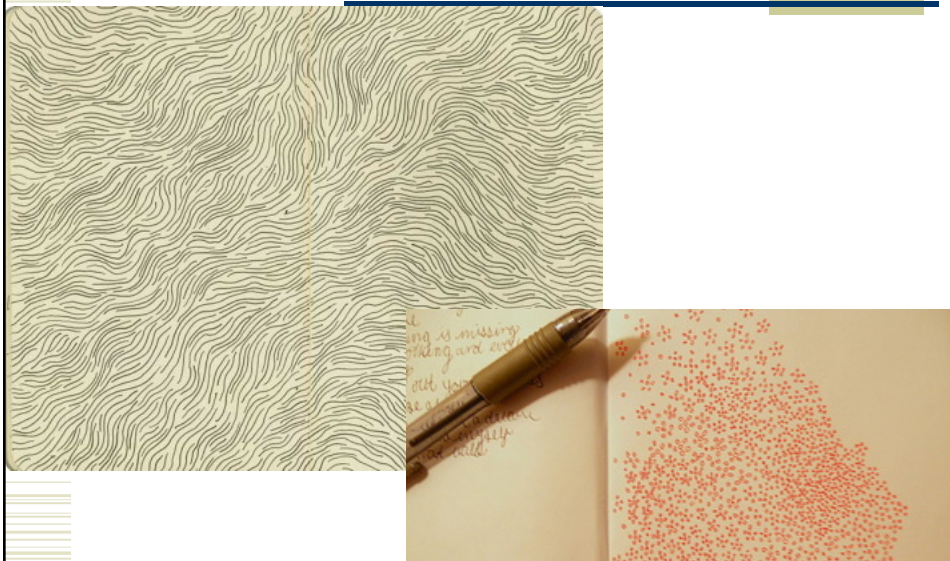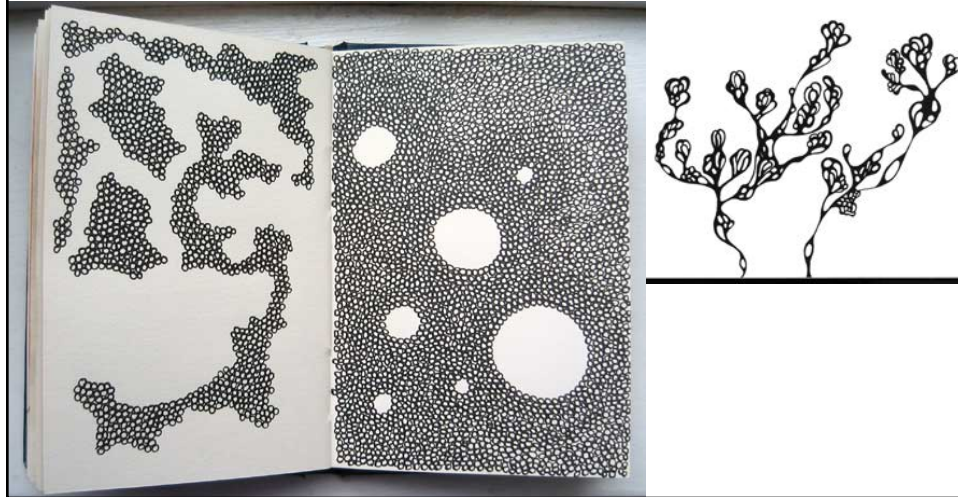
Patterns and Shapes

My Sketchbooks
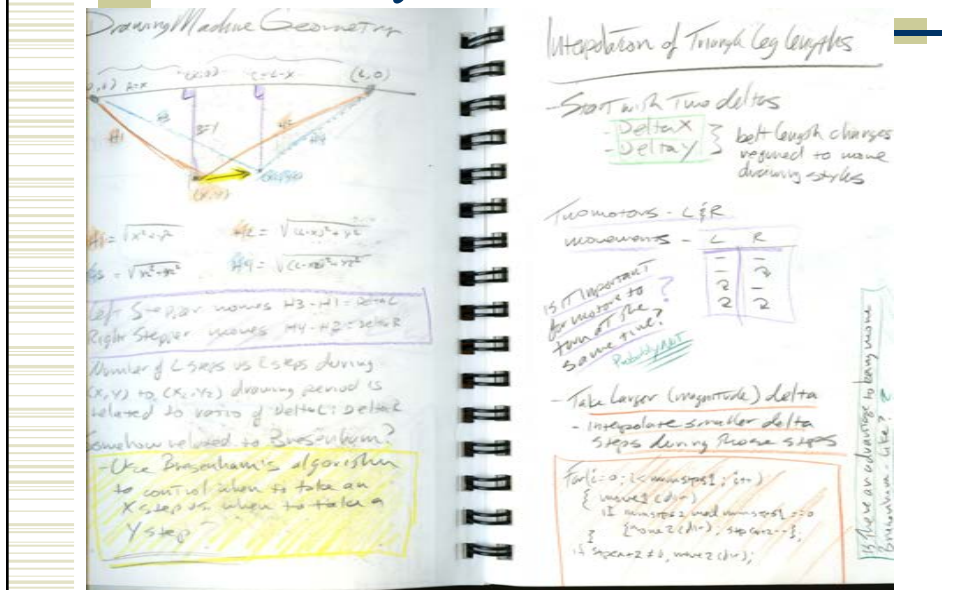
My Sketchbooks
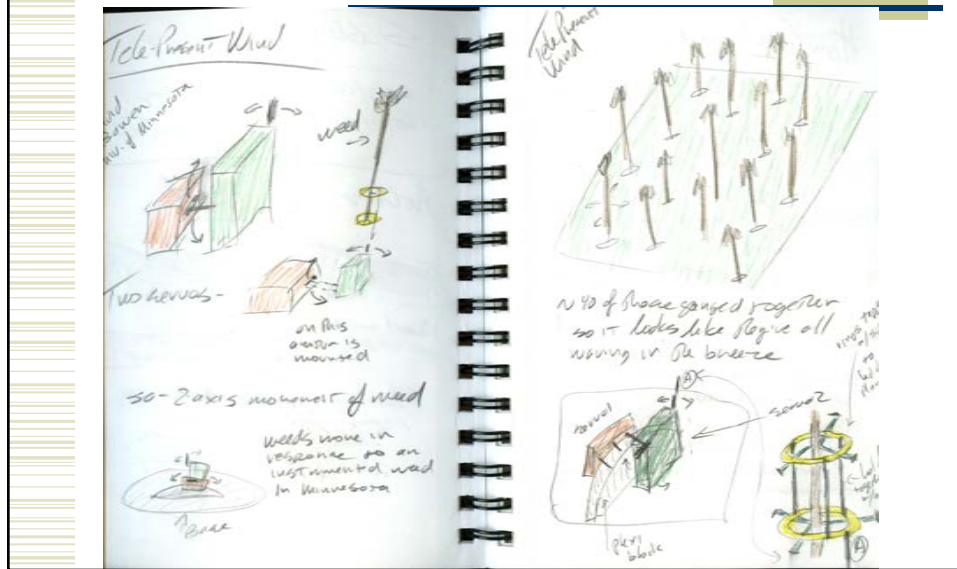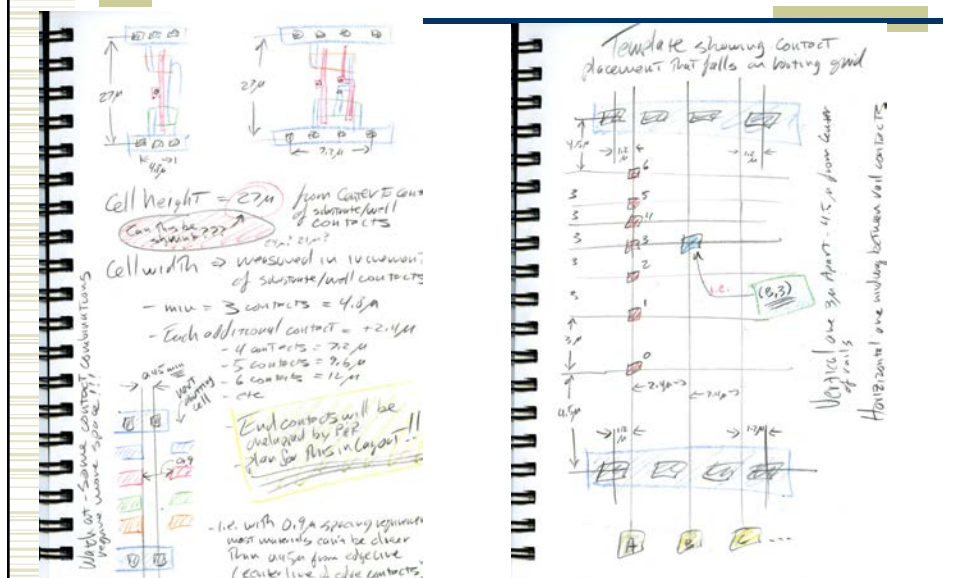
My Sketchbooks
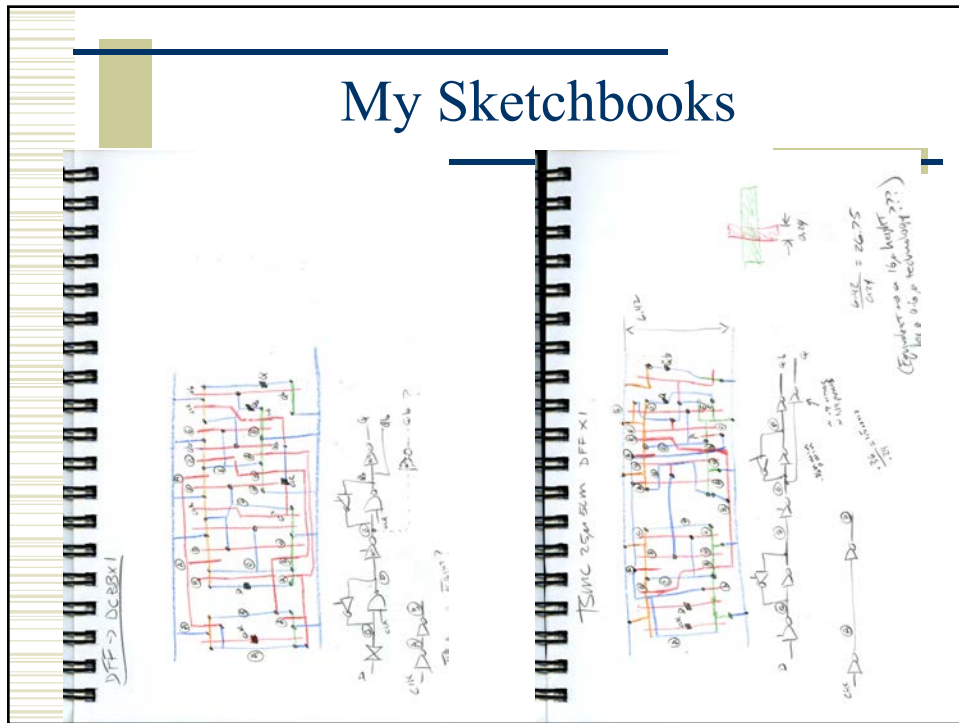
My Sketchbooks

Successful Sketchbooks

- ◆ Visual diaries
    - ▪ They should store personal responses including thoughts, ideas, and experiences
- ◆ Personal and unique
    - ▪ A collection of knowledge, thoughts, inspirations, that no one else has
- ◆ Near at all times
    - ▪ so ideas can be jotted down and drawings made whenever the situation allows

From a book on art education – I'll cite it as soon as I find it again…

Successful Sketchbooks

- Explore a variety of media
  - visual notes with written comments, drawings, work from direct observation and secondary sources
- Be inventive and experimental with media
  - Try out things you haven't used before
- Sketchbooks do not have to be neat or perfect
  - But they need to be legible and interesting to look at

From a book on art education – I'll cite it as soon as I find it again…

Sketchbook Gallery

- I've put some examples of sketchbooks in a gallery on the old class web site
  - http://www.eng.utah.edu/~cs6710/Sketchbooks/sketchbooks.html
  - Lots of other examples – we'll look at some in future classes