EL424: Assignment #5

Design and Layout of a Customized Library Cell.

**Warning:** This coursework is intended to be a group work (in two).

**Assignment:**

Design and draw a layout of a ................. cell in virtuoso using UMC 0.18\(\mu\)m library. You should discuss with other groups to decide on the ground and power rail heights so that they can be placed to each other side by side. Also prepare a one page data sheet that will

- contain:
  - the stick diagram
  - timings \((t_{phl}, t_{phd})\) of the cell
  - schematic and layout with sizing considerations

**Deadline:** 25.11.2013, 5pm.