

EE6013 VLSI Design—Homework 3

1. Use layout editor to draw a symbolic layout for a CMOS circuit that implements $F = \overline{A + BC}$. (5 points)
2. Use layout editor to draw a standard-cell style layout for a CMOS circuit that implements $F = \overline{A + BD + C}$. (5 points)
3. **Article Reading** (3 points)
Read the article entitled "Transistors go vertical", which is published in *IEEE Spectrum*, vol. 44, no. 11, pp. 13-14, Nov. 2007. Then, write a summary about this article.