

**CEN6070 – Software Verification, Spring 2010**

**Homework #3** (8 points), **Due** March 2 (Tuesday)

Construct OBDDs for the following:

(1) Logical formula:  $f(x_1, x_2, x_3, x_4) = (x_1 \vee \neg x_2) \wedge (x_3 \rightarrow x_4)$

(2) Binary relation:  $R = \{(a, b), (a, d), (b, c), (c, a), (d, d)\}$