

**Department of Electrical and Computer Engineering  
University of Wisconsin–Madison**

**ECE 553: Testing and Testable Design of Digital Systems  
Fall 2011**

ASSIGNMENT #7

Date: Thursday, Dec. 8, 2011

**Due date: Thursday, Dec. 15, 2011**

1. (Bushnell and Agrawal) Problem 15.2.  
Is the polynomial generated reducible or irreducible? If it is reducible, give its factors.
2. (Bushnell and Agrawal) Problem 15.13.
3. (Bushnell and Agrawal) Problem 15.16, only do faults  $f_{sa0}$  and  $B-g_{sa0}$ .
4. (Bushnell and Agrawal) Problem 16.3.