

ECE 204L - COMBINATIONAL BUILDING BLOCKS - LAB 15 PROGRAMMABLE LOGIC DEVICES

WINTER 2004

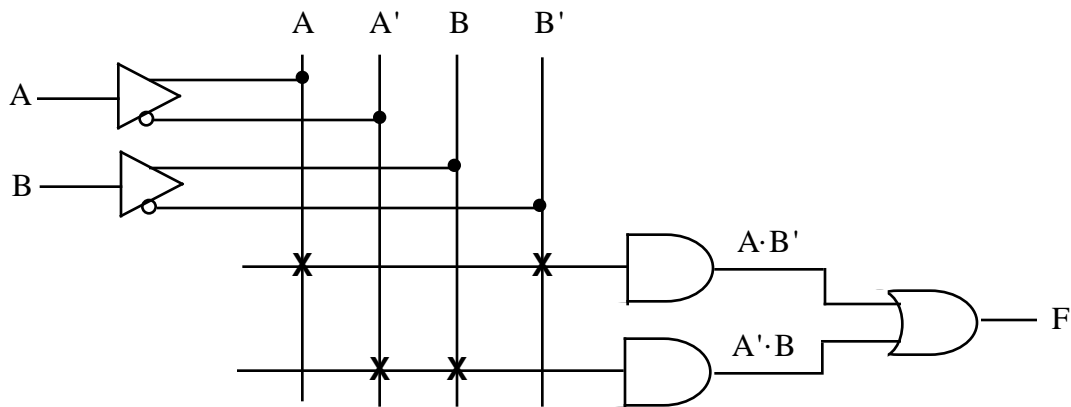
A.P. FELZER

OBJECTIVE

The objective of this lab is to build and test programmable logic devices.

LAB

1. **Prelab** - What parts of this lab should be done as a prelab
2. Build and test the following programmable logic device (PLD). Document your test results

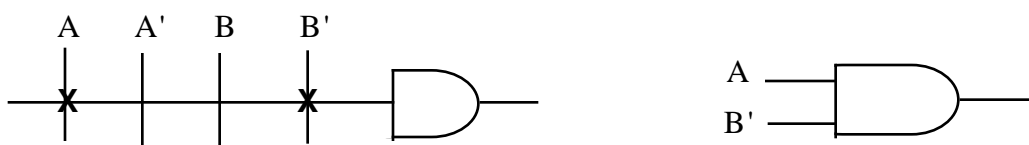


Note that

(1)



(2)



3. Make use of your PLD in Problem (1) to realize $F = A \cdot B + A' \cdot B'$. Document your test results.