

EE456 | HOMEWORK 1

Aishwarye Omer | ado5146@psu.edu

Question: Create XOR network for 3 inputs

Solution.

| x1 | x2 | x3 | y |
|----|----|----|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 1 |
| 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 1 |

