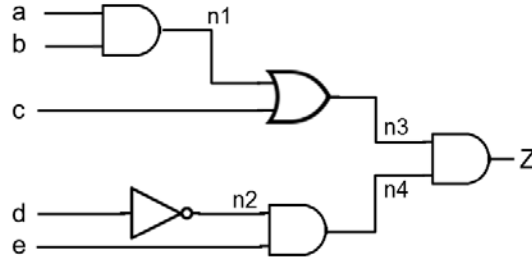


Homework Assignment 10

(Due Apr. 28th at the beginning of the class)

1. [Testing, 30 points] Find all input vectors that can detect the following stuck-fault errors.



- 1) a s-a-0:
- 2) a s-a-1:
- 3) b s-a-0:
- 4) b s-a-1:
- 5) c s-a-0:
- 6) c s-a-1:
- 7) d s-a-0:
- 8) d s-a-1:
- 9) n1 s-a-0:
- 10) n1 s-a-1:
- 11) n2 s-a-0:
- 12) n2 s-a-1:
- 13) n3 s-a-0:
- 14) n3 s-a-1:
- 15) n4 s-a-0: