

Homework 1; 35.00/50.00 (70.00%)

November 3, 2019

Problem 1 (score: 10/10)

ok

Problem 2 (score: 0/10) ¹

NOT ok (because of rounding)

Problem 3 (score: 10/10)

using 2's complement:

- (a) OK
- (b) OK
- (c) OK
- (d) OK

using 1's complement:

- (a) OK
- (b) OK
- (c) OK
- (d) OK

Problem 4 (score: 10/10)

OK

¹similar exercises: <https://nailbiter.github.io/threadmill-for-logic-design/> and choose “exercise 2” in section “homework 1”

Problem 5 (score: 5/10) ²

- OK
- not OK, as the second condition you wrote only for 2's complement. What about 1's complement?

²similar problems: write the second condition