

EE 7715, Spring 2012

(0)

Information about test 1

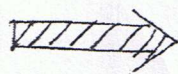
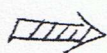
The test 1 will take place on Friday February 17, 2012. The test will be closed books and closed notes. You will not be allowed to use calculators neither computers nor cell phones.

The materials for test 1 follow on the next pages.

① Materials for test 1

You will be responsible for the following materials:

- 1) From EE 7715 notes on the web you are responsible for the item 1 of the Extra Handouts. This is a 17-page handout entitled "Fixed Point (FXP) Systems: Introduction and Addition/Subtraction". Pay attention to the proofs.
- 2) From EE 3755 notes on the web you are responsible for handouts 4, 5, 6, 7. These are all handwritten handouts on computer arithmetic. The handouts 4, 5, 6 are on floating point arithmetic while handout 7 is on division of fractions.
- 3) From EE 7715 notes on the web you are responsible for the item 2 of the Extra Handouts. This is a 4-page handout and addresses a problem on floating point multiplication.

 NEXT PAGE 



2012  
EE 7715, Spring ~~2011~~ ~~2010~~

(2)

Materials for test 1 cont.

- 4) From EE 7715 notes on the web you are responsible for the item 3 of the Extra Handouts. This is a 4-page handout and addresses a problem on floating point division.
- 5) From EE 7715 notes on the web you are responsible for the item 4 of the Extra Handouts. This is a 6-page handout entitled "Some more materials on floating point arithmetic".
- 6) From EE 7715 notes on the web you are responsible for pages ①a through ⑫a of the Handout A-C. Page ①a is materials on the Ripple Carry Adder while pages ②a through ⑫a are materials on the Carry Lookahead Adder.
- 7) From EE 7715 notes on the web you are responsible for the item 5 of the Extra Handouts. This is an 18-page handout entitled "Multioperand Adders".

➡ NEXT PAGE ➡



2012  
EE 7715, Spring ~~2011~~ ~~2011~~

③

Materials for test 1 cont.

d) From EE 7715 notes on the web you are responsible for pages ①b, ②b, ①c, ②c, ③c of the Handout A-C.

⑧ Number of points for test 1.

The test 1 will have 107 points.  
100 points on materials and 7 bonus points.

Bonus problem 1 (5 points): Write your comments about the course and the instructor ahead of time. Don't put your name on the comments. Bring the comments with you on the day of test 1. Put them in the envelope provided to you and write your name outside of the envelope.

Bonus problem 2 (1 point): Was the test easy or difficult?

Bonus problem 3 (1 point): Was the given time enough?