

Grading criteria for Midterm 2

Problem 1:

- (1) Every coefficient has 1 points. (42')
- (2) If all the coefficients are right, 6 extra points will be added automatically.
- (3) If the coefficient(s) in one equation is/are wrong, but the student writes correct steps on the paper, the student can get 1 point for the steps.
- (4) In total, there are 42 points for coefficients and 6 points for solution steps.

Problem 2:

- (1) Every coefficient has 1 points. (20')
- (2) If all the coefficients are right, 4 extra points will be added automatically.
- (3) If the coefficient(s) in one equation is/are wrong, but the student writes steps on the paper, the student can get 1 point for the steps.
- (4) In total, there are 20 points for coefficients and 4 points for solution steps.

Problem 3:

- (1) Correct V_{th} , R_{th} , I_N and R_N will give 5 points for each.
- (2) If the answer is wrong, but the procedure is right, 2 points will be deducted for each wrong answer.
- (3) If both the answer and procedure are wrong, 5 points will be deducted for each part.
- (4) Correctly drawing Thevenin and Norton equivalent circuits will give 4 points for each.
- (5) If the wrong parameters in Thevenin and Norton circuits come from previous steps, but the topologies are right, no points will be deducted.
- (6) If the topology is wrong, 4 points will be deducted.
- (7) In total, there are $5+5+5+5+4+4=28$ points