

University of Portland
School of Engineering

EE 301
Spring 2018
A. Inan

Homework # 4

(Assigned: Monday, February 19, 2018)
(Due: Monday, February 26, 2018, 11:25a.m.)

These problems are assigned from Engineering Electromagnetics and Waves (Second Edition, 2015) by Inan² Said (pages 80-98):

- 2.28. Two driver gates.**
- 2.29. Capacitive load.**
- 2.30. Unknown lumped element.**
- 2.32. Source-end TDR waveform.**
- 2.35. Reactive element at the junction.**

Please use the following guidelines for your homework solutions:

- 1) On the first sheet, at the top center, write: Homework #4-Solutions.
- 2) Provide your full name on the upper right corner of the first sheet.
- 3) Also write: EE 301/Spring 2018 on the upper left corner of the first sheet.
- 4) Solve each problem on a separate sheet unless your solution is very short.
- 5) Box all of your answers.
- 6) Staple your solutions in the above order before you turn them in.

Please turn in your homework on time.

Reminder: EE 301 Midterm Exam # 1
Wednesday, February 28, 2018, 11:25am-12:20pm