

University of Portland

School of Engineering

EE 301
Spring 2017
A. Inan

Homework # 3

(Assigned: Wednesday, February 8, 2017)
(Due: Wednesday, February 15, 2017, 11:25a.m.)

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

- 2.13. Time-domain reflectometry (TDR).**
- 2.15. Time-domain reflectometry (TDR).**
- 2.19. Parallel multiple lines.**
- 2.24. Digital IC interconnect.**
- 2.25. Terminated IC interconnects.**

Please use the following guidelines for your homework solutions:

- 1) On the first sheet, at the top center, write: Homework #3-Solutions.
- 2) Provide your full name on the upper right corner of the first sheet.
- 3) Also write: EE 301/Spring 2017 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.

Important reminder:

EE 301-Midterm Exam # 1 is on Monday, February 27, 2017, 11:25-12:20 noon.
Closed book exam, only 1 formula sheet is allowed.