

University of Portland
School of Engineering

EE 301
Spring 2018
A. Inan

Homework # 2

(Assigned: Monday, January 22, 2018)
(Due: Wednesday, January 31, 2018, 11:25a.m.)

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

- 2.4. Step and pulse excitation of a lossless line.**
- 2.5. Resistive loads.**
- 2.6. Ringing.**
- 2.8. Two step voltage sources.**
- 2.11. Observer on the line.**
- 2.12. Cascaded transmission lines.**

Please use the following guidelines for your homework solutions:

- 1) On the first sheet, at the top center, write: Homework #2-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.