

University of Portland
School of Engineering

EE 301
Spring 2017
A. Inan

Homework # 2

(Assigned: Wednesday, January 25, 2017)

(Due: Friday, February 3, 2017, 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 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.