

**EE 382 Applied Electromagnetics (Spring 2018)**

**Homework 9**

**Wednesday, March 28, 2018**

- 1) PE10.4
- 2) 10.1 For part c), plot magnitude of electric field for  $0 < x < 2\lambda$  at the four times on one plot with either legend or traces labeled using a computer package.
- 3) 10.6 Also, (f) loss tangent.
- 4) 10.12
- 5) 10.18 For part a), add choice of 'low loss'. Also, find (e) skin depth and (f) loss tangent.
- 6) 10.25

**Due Wednesday, April 4, 2018.**