

**ECEn 563**  
**Computational Electromagnetics**

Homework #4

Due Sep. 27, 2017 at the beginning of class (may be turned in after class for half credit)

1. 3.9 (Waveguide cutoff frequencies)

Note: set up arrays of field values so that the first index represents  $x$  and the second index represents  $y$ . Use the tip in Section 2.1.2.1 to plot images of field values in the correct orientation.