**ECE 8527: Introduction to  
Machine Learning and Pattern Recognition**

# HW No. 10: Decision Trees and Random Forests

Classify the Yin-Yang data of HW #3 using a standard decision tree package. Both Python (https://towardsdatascience.com/random-forest-in-python-24d0893d51c0) and MATLAB (https://www.mathworks.com/matlabcentral/fileexchange/63698-generic-example-code-and-generic-function-for-random-forests) have nice implementations of random forests.

Compare your results to previous experiments and algorithms operating on the same data. Present your results in a nice, concise table, and analyze your findings.