EECS 207
Spring 2021

Lecture 27

Lab Sections

- Lab section next Wednesday, May 5
- Answer questions about course project:
  - Computing precision-recall curves.
  - Feature extraction.
  - Etc.

Project

- Content Based Image Retrieval

- Individual effort—no teams.

- Project report due: Friday, May 14

- No presentation.

- PROJECT REPORT INSTRUCTIONS POSTED TO PROJECT WEBPAGE:

- https://faculty.ucmerced.edu/snewsam/EECS207/Project/project.html

Project Tasks and Report

- Tasks:
  - Perform CBIR using bird spectrogram images (5 classes, 218 images).
  - Compute and plot precision-recall curves. Compute average precision.
- Investigate variations. At a minimum:
  - Two different types of image features.
  - Two different distance measures.
- Report:
  - Present results (precision-recall curves, average precision) for variations.
  - Discussion.
  - Code.

Questions?

Today

- Computing Precision Recall Curves

- Extracting Gabor Texture Features

- Content Based Image Retrieval