

EE368 Project: CD Cover Recognition

- Individual or groups of up to 3 people
- About 50-60 hours per person
- Group submit log of who did what with their report
- Develop, implement, and test an algorithm to recognize 1 out of 30 CD covers or indicate “No match”
- We are providing a dataset of 30 CD covers and about typical training images
- Your algorithm will be tested on a set of 10 test images not in the training set



CD Cover Recognition



- Input: Image captured with cell-phone camera
- Output: Name of CD or “No match”



Performance Metric

- Score: no. of correctly recognized test images
- Tie-breaker: processing time
- Run-time: 1 minute max per image on SCIEN machines
- Final testing will be done on SCIEN machines



Deadlines and Submission

- Deadline to register as a group: **May 12**
- If you don't register as a group, we require individual project submission
- Deadline to submit program: **May 30**
- Deadline to submit report: **June 1**
- Submit program and reports to ee368-spr0708-staff@lists.stanford.edu
- See course webpage for additional information

