



CSCI 8360

Team Booth P3

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NMF and Image Normalization

- Download all images
- Thunder-Extraction:
 - NMF Calculation to build model
 - Fit model to image using size and padding
 - Merge models together
 - Derive results for regions defined
- CV2:
 - Normalize all images
- Combine results for submission

Idea – Find Consistency in Images

- 1) Eliminate Shades
- 2) Compare successive images (ex. 5) with AND operation on pixels
- 3) Apply blurFilter to resulting image
- 4) Split image into distinct images based on content
- 5) Eliminate images contained predominantly in other images
- 6) Derive rings by circling remaining images

