CSE341/541: Advanced Biometrics

Assignment:#3   Deadline: 1 May 2018

Note: Plagiarism of any kind is not allowed.

Report/compare the performance of your algorithms using ROC, CMC, False Positive, False Negative, True Positive, and True Negative metrics (based on the appropriate metrics for following questions).

Q1. Implement any one iris detection and recognition (iris verification) technique discussed in class.

Protocol: To train your iris detection/verification model use images corresponding to first 20 subjects. Remaining 30 subjects' images are only used for testing.

For the verification, use the first image of each subject as a gallery and remaining images as probe images.

Q2. Implement any fingerprint detection and recognition (fingerprint verification) technique discussed in class.

Protocol: To train your fingerprint detection/verification model use images corresponding to first 20 subjects. Remaining 30 subjects' images are only used for testing.

For the verification, use the first image of each subject as a gallery and remaining images as probe images.

Note: Both the database will be shared via mail. Please make sure that you do not share these dataset with *anyone.* These datasets must only be used for the course project of CSE541.