

Program-3

Due December 2 4PM

- Implement Black-Yacooob Algorithm
 - Given the locations of the face, eyes, brows, and mouth (manually initialized) estimate the rigid motion of the face using pseudo perspective motion model.
 - Use the face motion to register images through warping.
 - Estimate relative motion of face features (eyes, mouth, brows).
 - Use the estimated feature motions to predict locations of features in the next frame, and repeat the process.
 - Use the estimated motion to classify the facial expressions.