**## Emotion-Detection-in-Videos:**

six emotions (**happiness, sadness, disgust, surprise, fear and anger**)  
detectfaces.py——saved this video in the dimension 240x320.

stabilize the shaky videos (via a code or online free stabilizers)

emotion\_classification\_videos\_faces.py——extract features based on **histogram of dense optical flows (HOF)**, use SVM

(separate the extracted flows into categories, count the number of flows for each category——split the scene into a grid of s by s bins(10 in this case) to record the location of each feature, and then categorized the direction of the flow as one of the 8 different motion directions)