

CIS 581
Project 4A: Optical Flow
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Selected Features (Frame 1)



Figure 1: MarquesBrownlee(Threshold = 0.05)

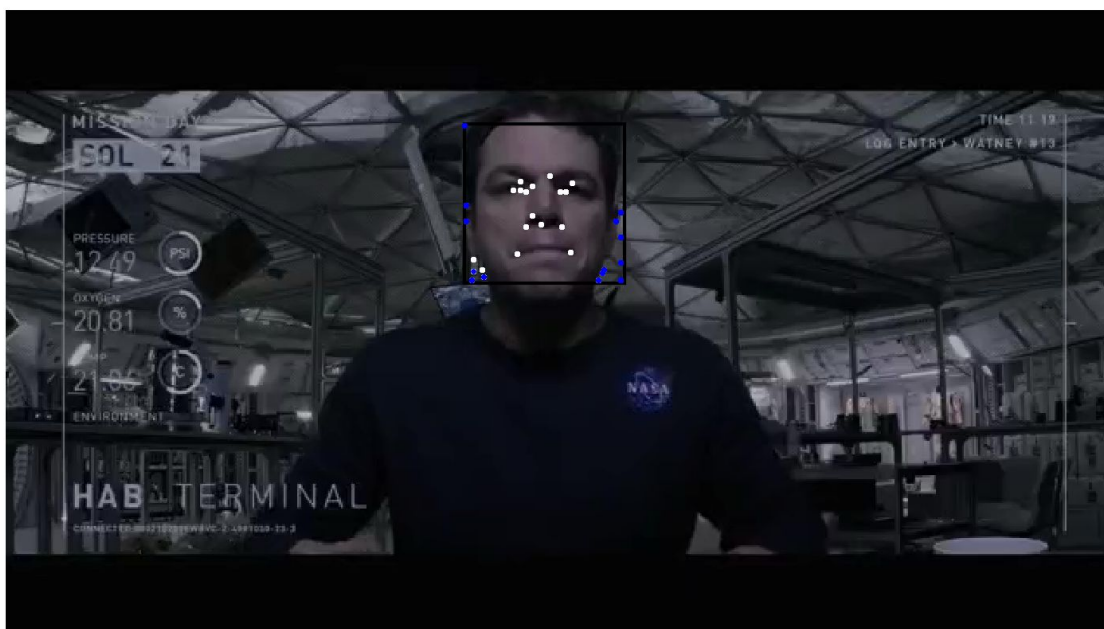


Figure 2: The Martian(Threshold = 0.0025)

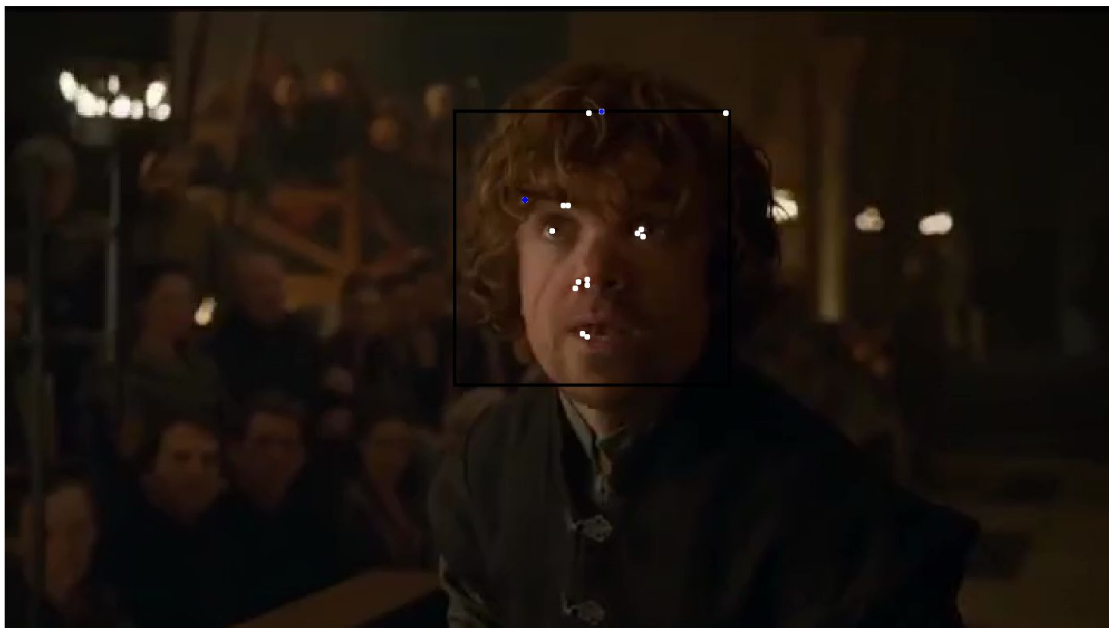


Figure 3: TyrionLannister (Threshold = 0.001)



Figure 4: TyrionLannister (Threshold = 0.0005)



Figure 5: StrangerThings (Threshold 0.00005)

Additional Features of Implementation

We completed the extra credit section that suggested iteration inside of `getFeatureTranslation` refines the displacements of the KLT tracking algorithm.

Reference to Third Party Code:

`Haarcascade_profileface.xml` → Source: Included package in OpenCV. Reference to Intel in the source code.