

Peter Smith

ECE1390

Pes71

Homework 5

1C) The corner finder struggles finding corners on the grid areas that have lower contrast. Depending on the threshold that I would set It found most of the obvious corners.

3A) Translation vector = $(-134.0, -86.0)$

percentage of Trans matches = 49.26829268292683

3B) Transform matrix = $\begin{bmatrix} 0.97056944 & -0.30046984 & 46.38015411 \\ 0.30046984 & 0.97056944 & -63.13914678 \end{bmatrix}$

percentage of Sim matches = 49.763033175355446