16-720 Computer Vision
Spring 2020

Homework 0

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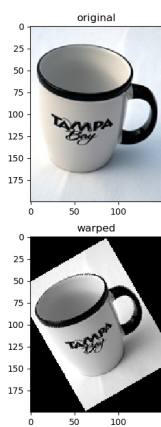# 1   Color Channel Alignment

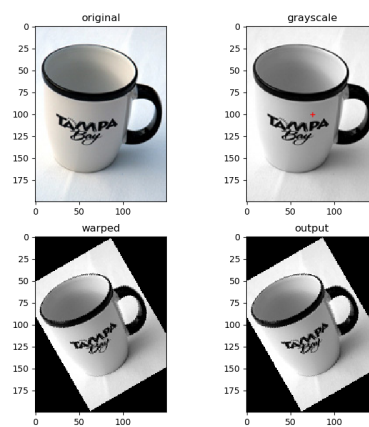

Figure 1: resulting image

In question1, using SSD metric to find best alignment, resulting image is shown above.

2   Image Warping

In this case, I used subplot function in Python to record the output images, the result from example code is labeled as 'warped' and the result from warpA.py is labeled 'output'. Compared to the example result, we got a similar output using numpy.mgrid, numpy.round and numpy.pad functions. (Pictures are shown below)

(a) example code result

(b) resulting image

Figure 2: warped output image