Nick(pursued linear approach, now researching morphing):

Tform

<http://www.mathworks.com/help/images/ref/cp2tform.html>

imwarp

<http://www.mathworks.com/help/images/ref/imwarp.html?requestedDomain=www.mathworks.com>

example + details

<http://cs.brown.edu/courses/csci1290/2011/results/final/ebnelson/>

<http://www.mathworks.com/help/images/ref/cp2tform.html>

<http://www.mathworks.com/help/images/ref/fitgeotrans.html>