HW0

Yuhao Du
yuhaodu@buffalo.edu

University at Buffalo The State University of New York
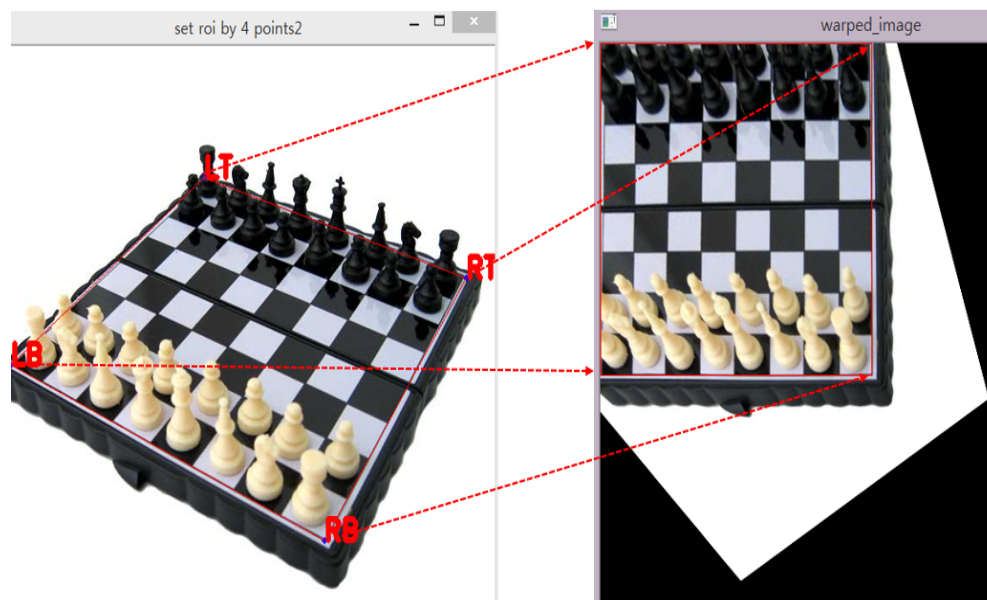
Image warping:

Map points from source image to destination image without changing color.
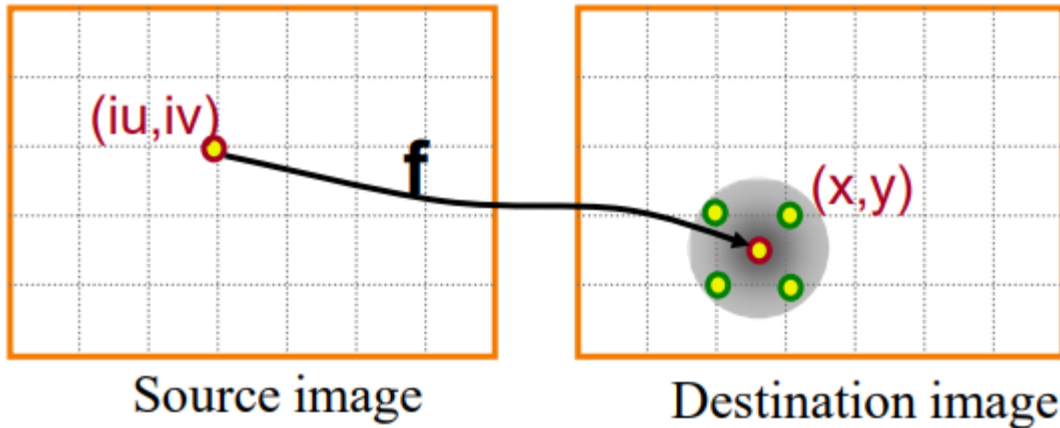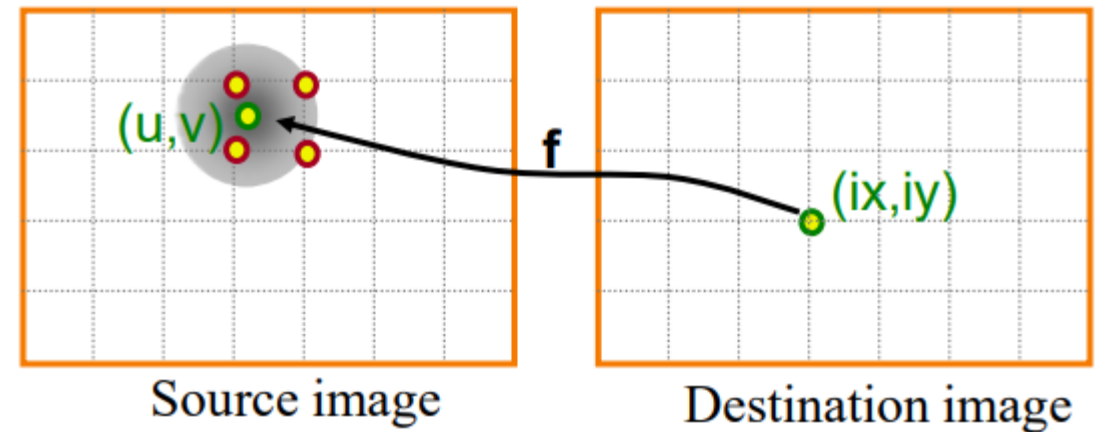
Example: rotate, scale etc…

Options for image warping

Map pixels from source image to destination image

$$P^i_{destination} = A * P^i_{source}$$

Map pixels from destination image to source image

$$P^i_{source} = A^{-1} * P^i_{destination}$$

http://www.cs.princeton.edu/courses/archive/spr11/cos426/notes/cos426_s11_lecture03_warping.pdf

Better option: destination ⟶ source

Reason:

Mapping may not be 1 to 1 mapping.