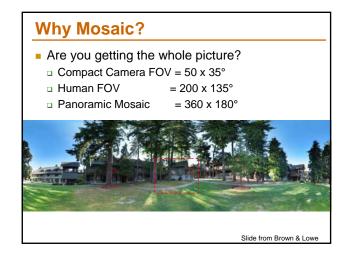
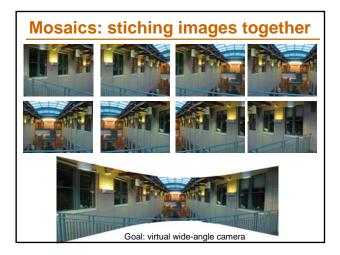
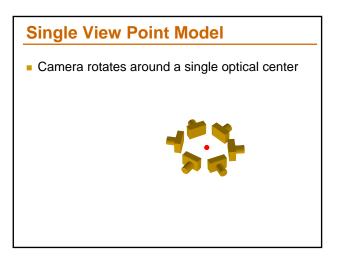
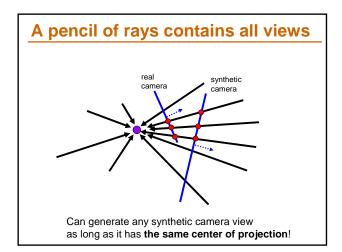


## Why Mosaic? Are you getting the whole picture? Compact Camera FOV = 50 x 35° Human FOV = 200 x 135°





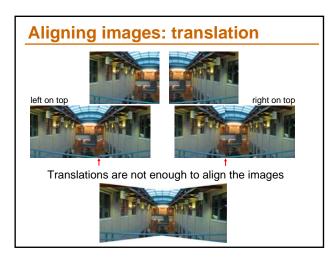


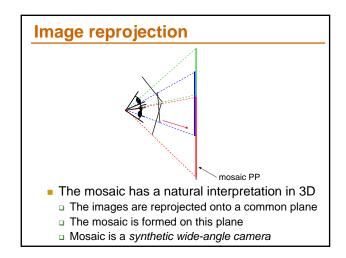


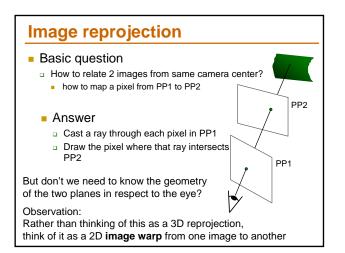
## How to do it?

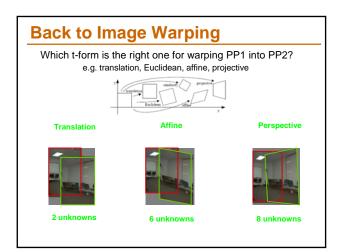
## Basic Procedure

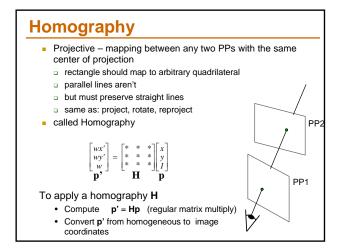
- Take a sequence of images from the same position
   Rotate the camera about its optical center
- Compute transformation between second image and first
- Transform the second image to overlap with the first
- $\hfill\square$  Blend the two together to create a mosaic
- If there are more images, repeat
- What about the 3D geometry of the scene?
   Why aren't we using it?

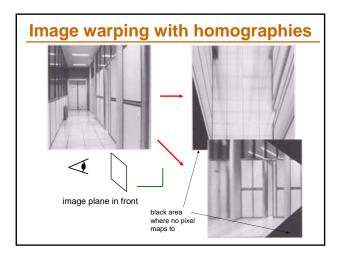


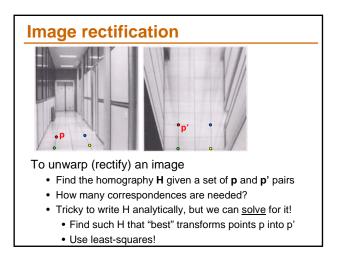


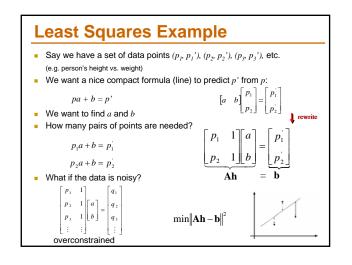


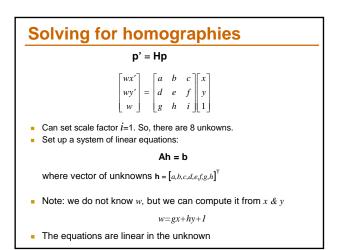


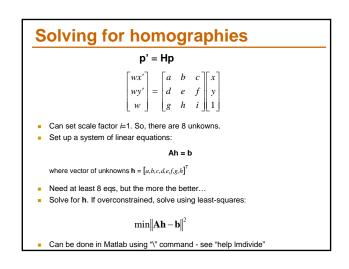






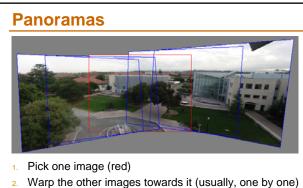








http://users.skynet.be/J.Beever/pave.htm



- blend 3.

