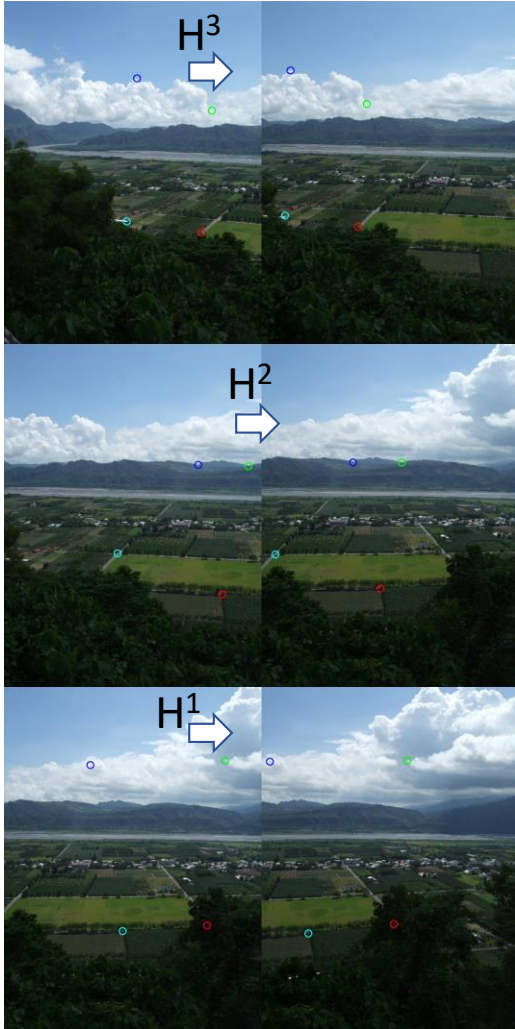


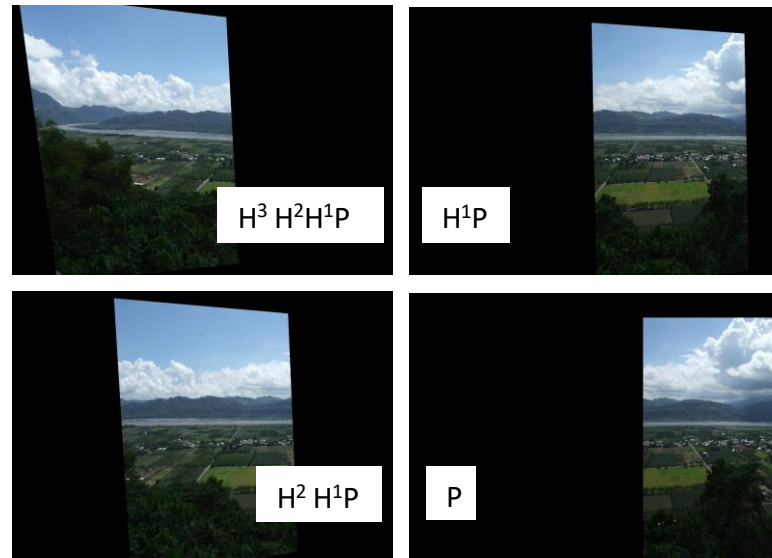
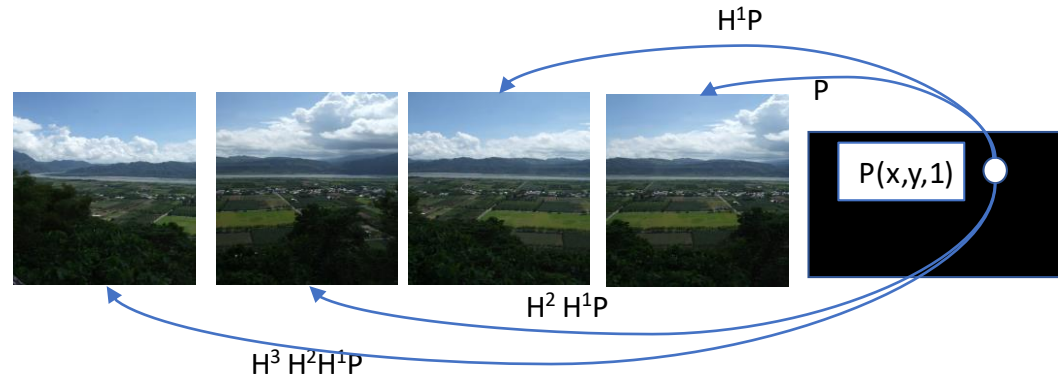
Midterm Project: Stitching images

1. 每兩圖片手動標註對應的point pair
2. 每兩圖計算homography 使用直接解($Ax=b$)
3. 創建空的 canvas 大小為原圖size+(paddingX,paddingY)
 - $P = \text{pixel} - (\text{paddingX}, \text{paddingY})$
4. 將空的 canvas pixel 座標 project 回原圖若在合法範圍內則sample color
 - $H^3 H^2 H^1 P$
 - $H^2 H^1 P$
 - $H^1 P$
 - P (最右邊)
5. 若 pixel project 回 N 張 image 都在合法範圍內, 將value/N 當作最後顏色

Midterm Project: Stitching images



corresponding point sets
Solve homography



project pixels to sample color



Average blending