

CV HW4 Report

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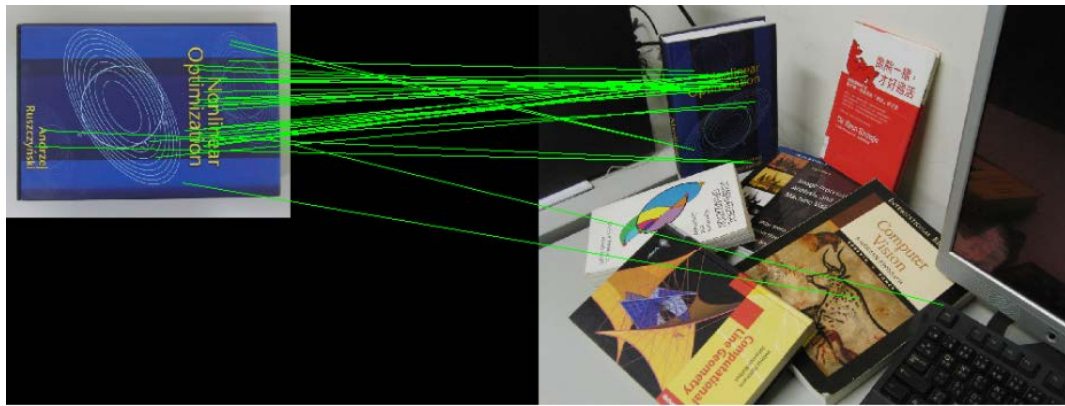
Part1

A.

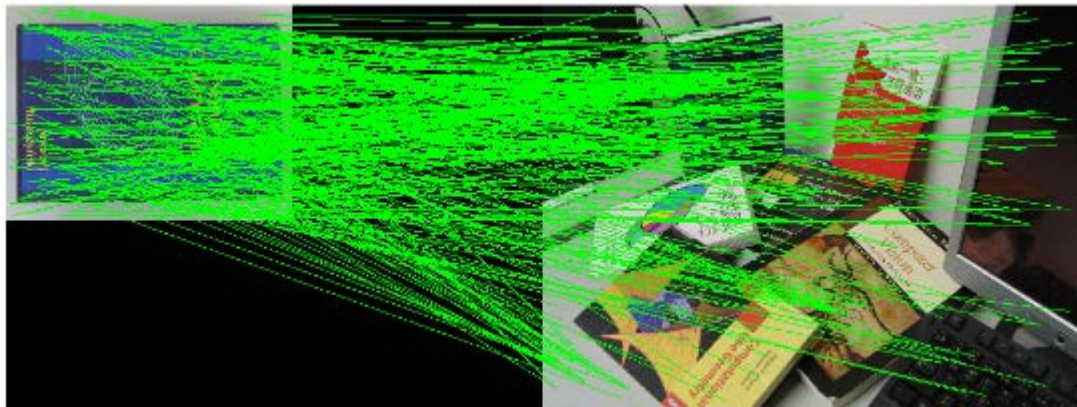
High_thres = 0.2

Low_thres = 0.2

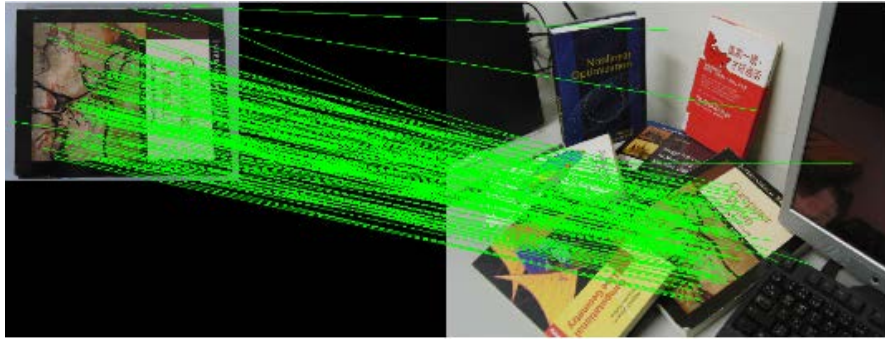
- Book 1, High_thres



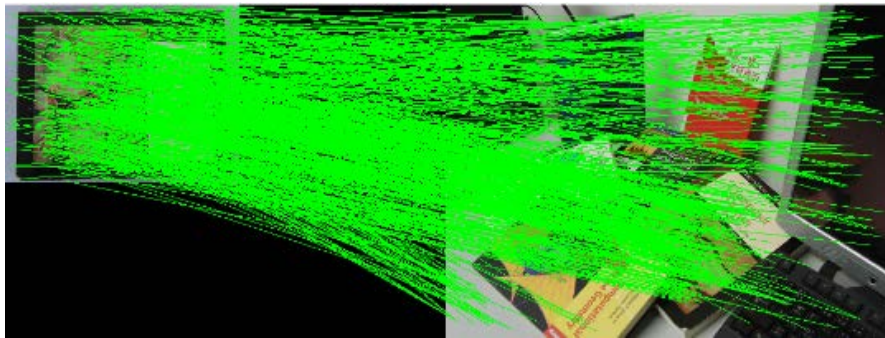
- Book 1, Low_thres



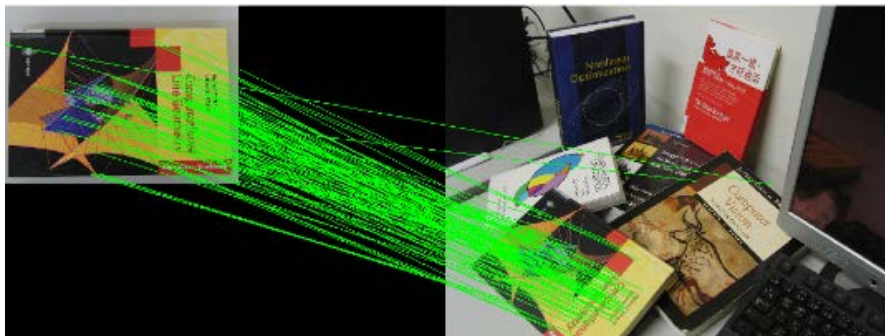
- Book 2, High_thres



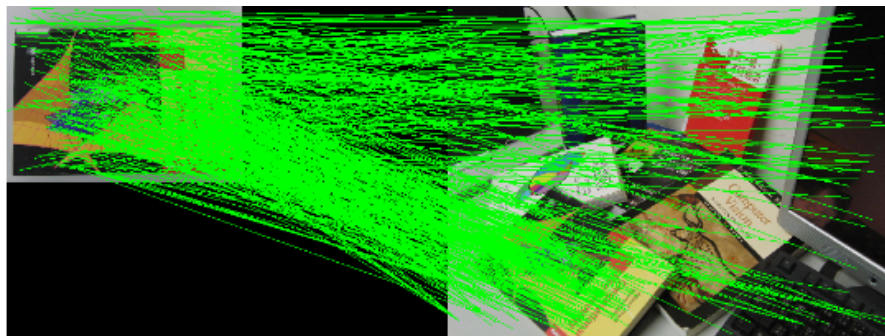
- Book 2, Low_thres



- Book 3, High_thres



- Book 3, Low_thres



可以看到 ratio thres 越高，保留的線越少，但剩下都是比較準的線。

B.

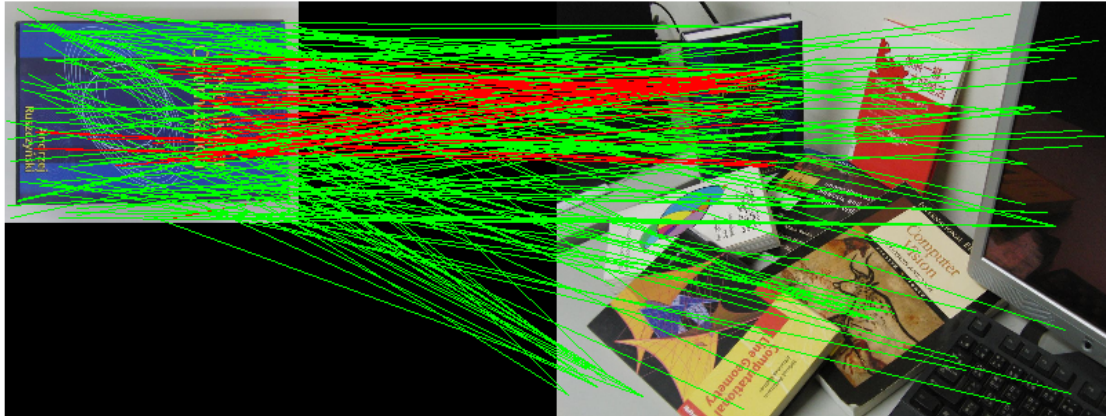
Inlier and Outlier

Thres_ratio = 0.04

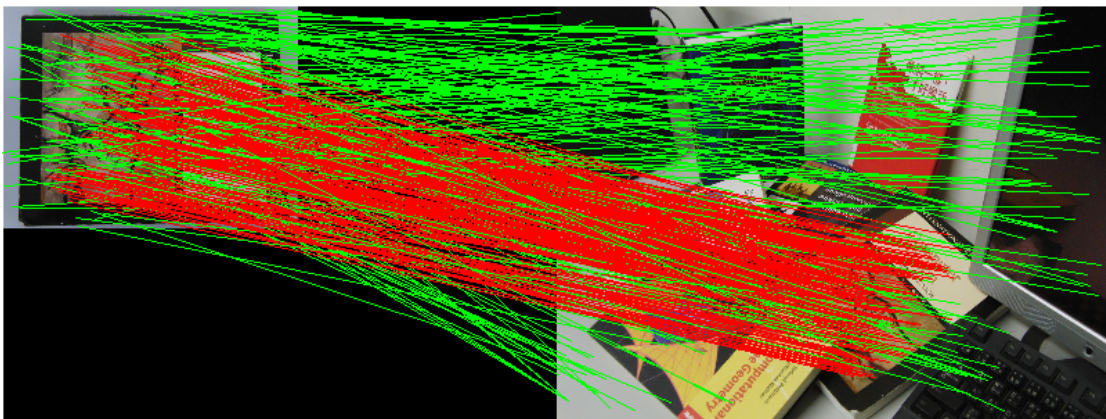
Thres_Dist = 30

Max_iteration = 5000

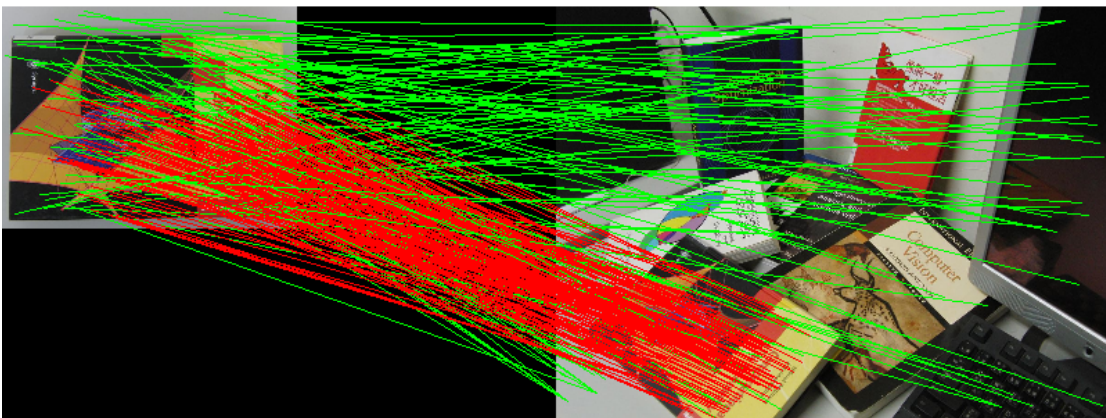
- Book 1



- Book 2



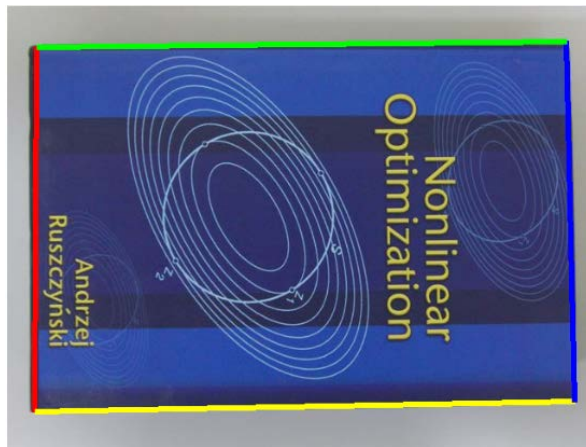
- Book 3



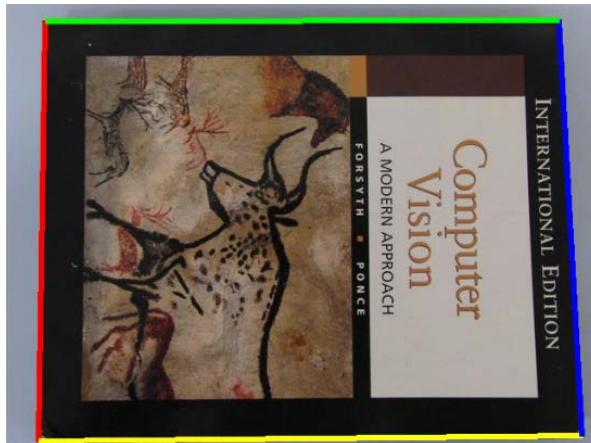
Thres_ratio 是指適當的 ratio，而 Thres_Dist 是用來判斷 inlier

Human Label vs. Transformed

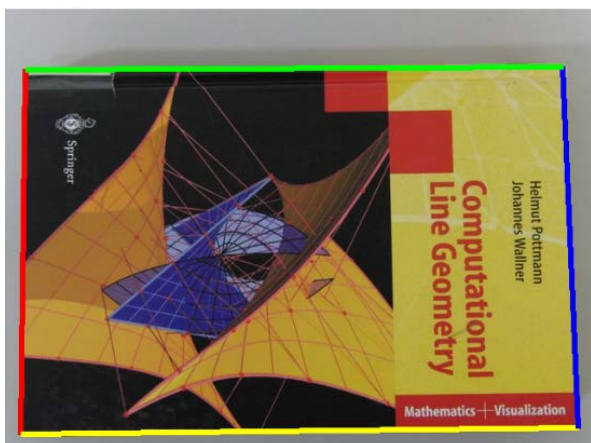
- Book 1



- Book 2



- Book 3



C.

● Book 1



● Book 2



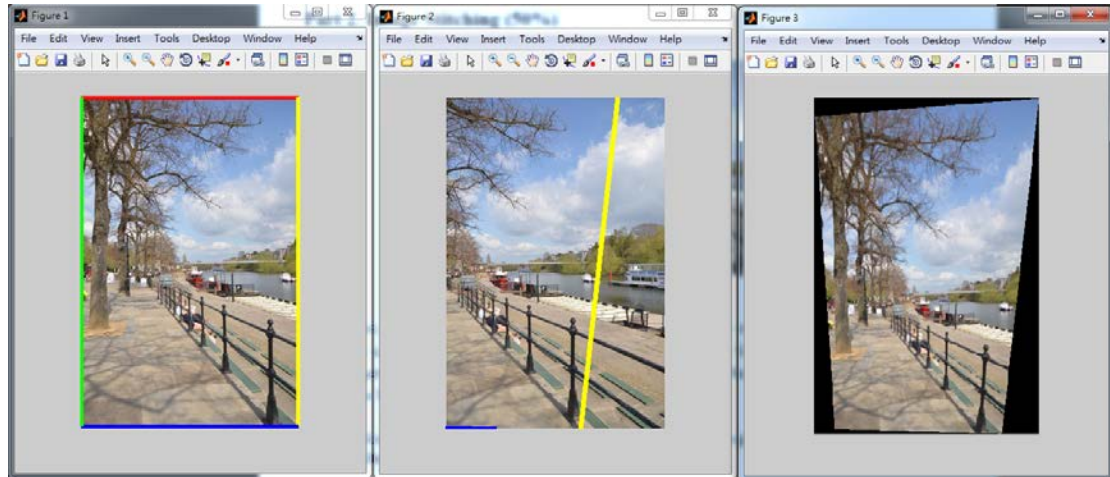
- Book 3



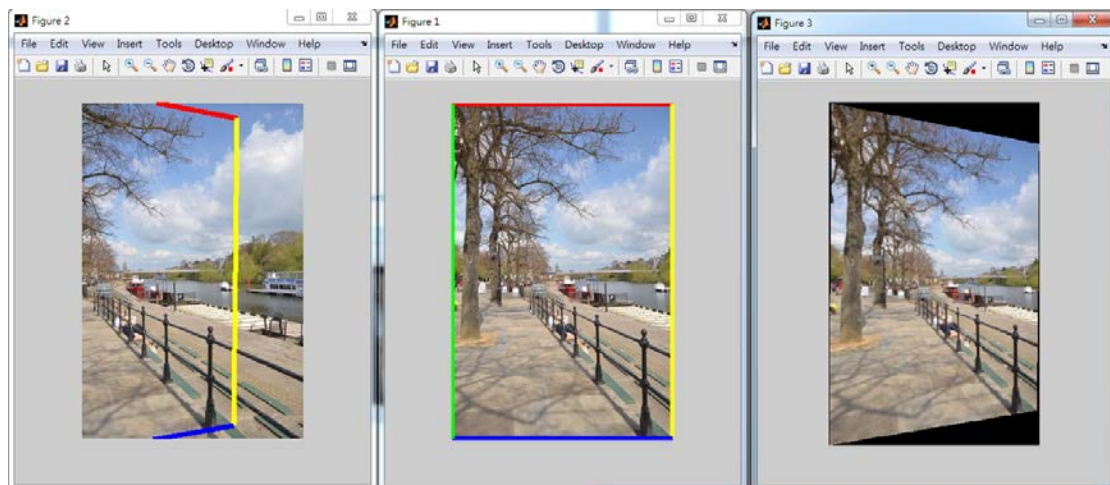
Part2

A, B, C

由左至右分別是圖形邊界、轉換後在中心圖位置和 Backward warping 結果。
(Thres_ratio = 0.60)



(Thres_ratio = 0.2)



可以看到把 threshold 拉高後，圖形比較不會亂跑，轉換出來結果也比較漂亮

C, D

