

R10922196 方郁婷

Images: lena.bmp

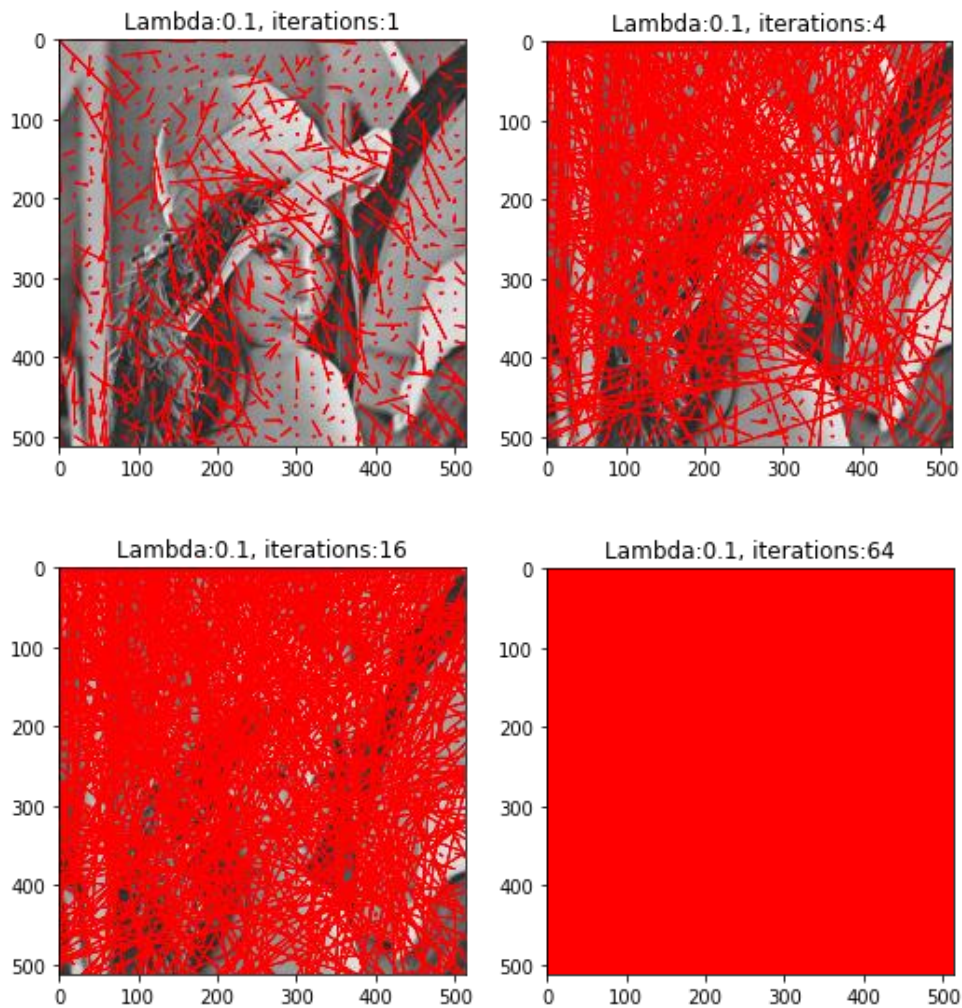
Implement Horn & Schunck optical flow estimation.

Synthetically translate lena.bmp one pixel to the right and downward.

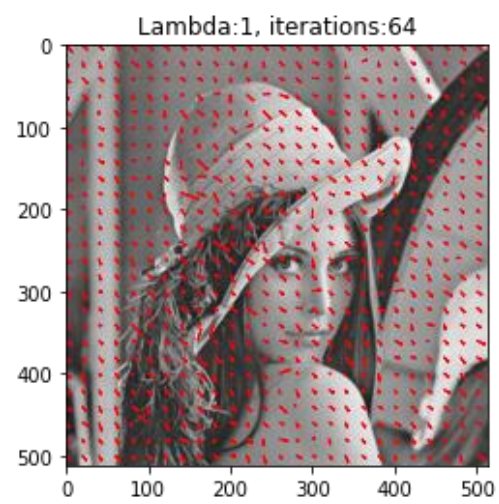
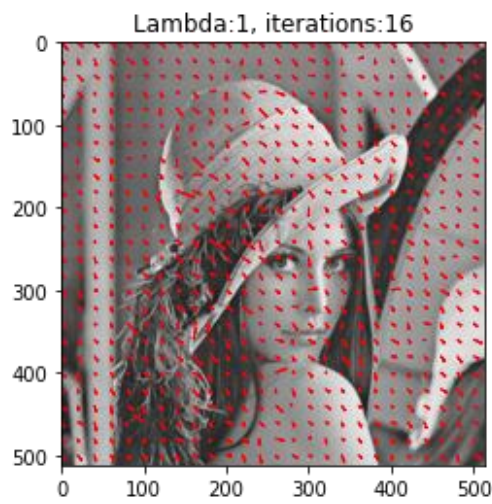
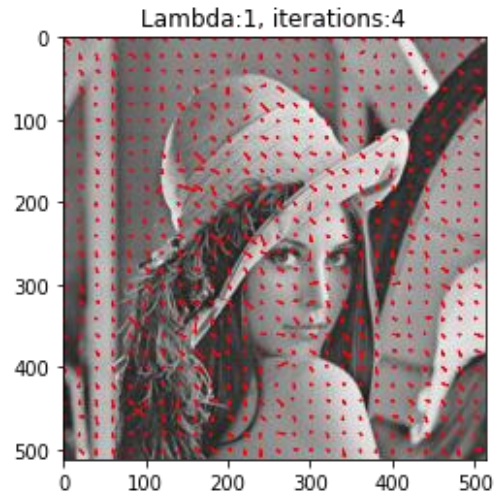
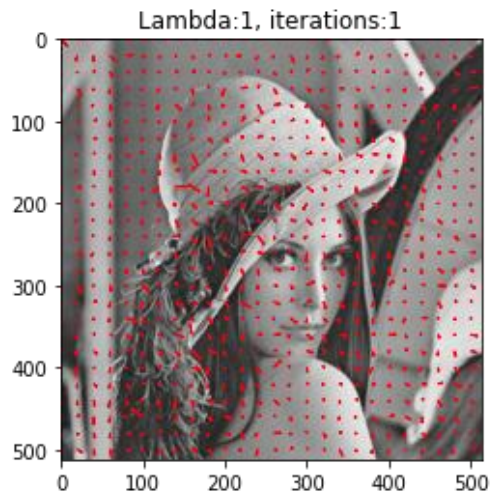
Try λ of 0.1, 1, 10.

For each λ , show the result after 1,4,16,64 iterations.

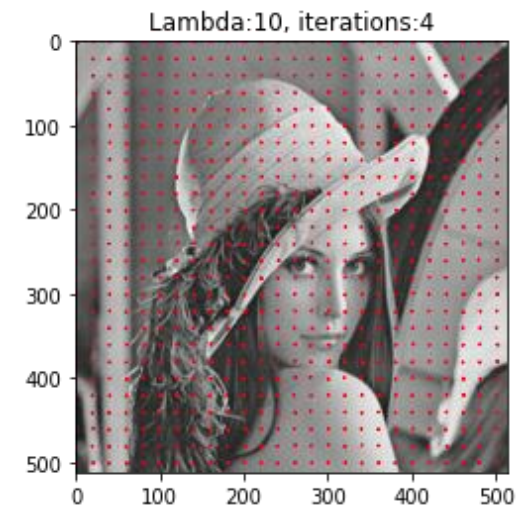
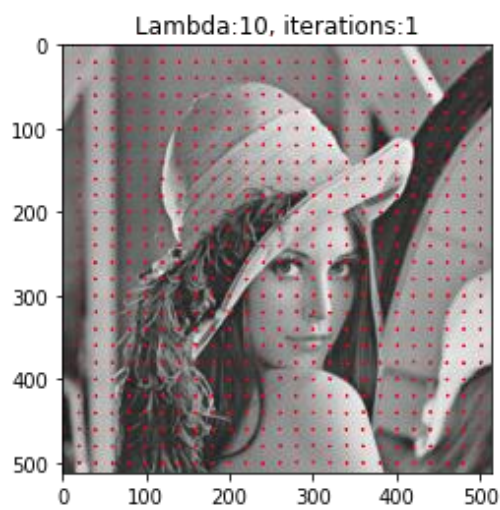
λ of 0.1

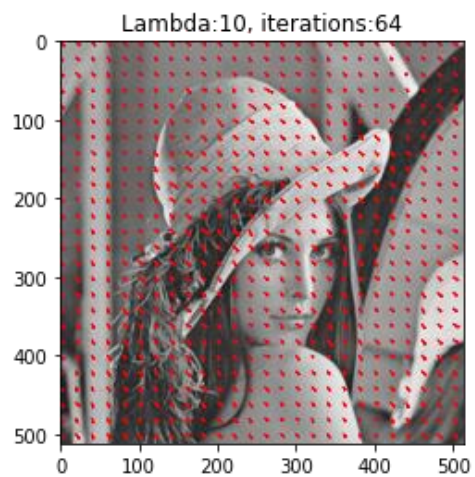
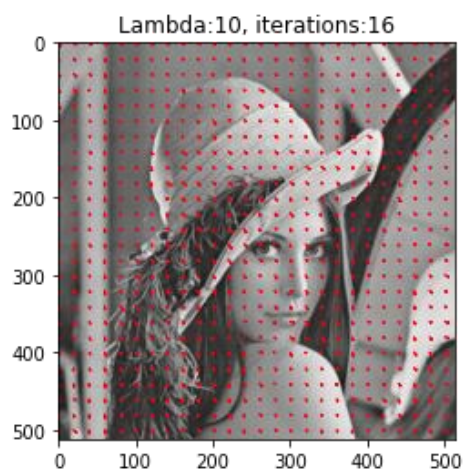


λ of 1



λ of 10





結論:

λ 影響的是梯度的權重， λ 越大箭頭越短

iterations 越多越準確