tags: `DIP`

Principles and Applications of Digital Image Processing

> Fall, 2021
> for better reading: https://hackmd.io/@tohow06/SyjwxOFiF

Homework 7

B06611008 賴乙豪

進度報告

- [x] achieving a substantial level of understanding of the theoretical and/or experimental background of your term project.
    - Pixel-Based Image Forgery Detection: A Reviewhttps://doi.org/10.1080/09747338.2014.921415
    - Double and triple compression-based forgery detection in JPEG images using deep convolutional neural network https://doi.org/10.1117/1.JEI.29.2.023006
    - Detection of Copy-Move Forgery in Digital Images Using SIFT Algorithm https://doi.org/10.1109/PACIIA.2008.240
    - A deep learning approach to detection of splicing and copy-move forgeries in images https://doi.org/10.1109/WIFS.2016.7823911
    - Identifying Tampered Regions Using Singular Value Decomposition in Digital Image Forensics https://doi.org/10.1109/CSSE.2008.876
- [x] making an expected progress of about 50% completion of the project indicating that you will be able to complete the term project successfully before the deadline.
    - final project預計測試比較兩種detection架構
    - 這次進度已完成測試其中一種CNN base的架構
        - 程式碼包含在code資料夾中
- [x] writing a term project report with appropriate structure and assigned format.
    - 以SPIE模板撰寫
    - 已完成Abstract, introduction

CNN 進度展示

accuracy	cross-entropy loss