

tags: DIP

Principles and Applications of Digital Image Processing

Fall, 2021

for better reading: <https://hackmd.io/@tohow06/SyjwxOFiE>

Homework 7

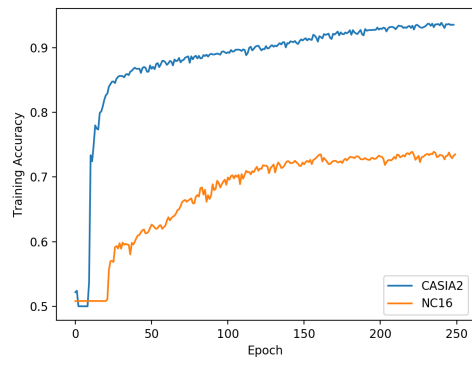
B06611008 賴乙豪

進度報告

- ✓ achieving a substantial level of understanding of the theoretical and/or experimental background of your project.
 - Pixel-Based Image Forgery Detection: A Review <https://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>
- ✓ 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
- ✓ 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

