Antipov, G., Baccouche, M., & Dugelay, J. L. (2017, September). Face aging with conditional generative adversarial networks. In *2017 IEEE international conference on image processing (ICIP)* (pp. 2089-2093). IEEE.

Bi, X., & Xing, J. (2020). Multi-Scale Weighted Fusion Attentive Generative Adversarial Network for Single Image De-Raining. IEEE Access, 8, 69838-69848.

Bu, Q., Luo, J., Ma, K., Feng, H., & Feng, J. (2020). An enhanced pix2pix dehazing network with guided filter layer. Applied Sciences, 10(17), 5898.

Chang, Y. L., Liu, Z. Y., Lee, K. Y., & Hsu, W. (2019). Free-form video inpainting with 3d gated convolution and temporal patchgan. In Proceedings of the IEEE/CVF International Conference on Computer Vision (pp. 9066-9075).

Demir, U., & Unal, G. (2018). Patch-based image inpainting with generative adversarial networks. *arXiv preprint arXiv:1803.07422*.

FastFCN-github

<https://github.com/wuhuikai/FastFCN>

Goodfellow, I., Pouget-Abadie, J., Mirza, M., Xu, B., Warde-Farley, D., Ozair, S., ... & Bengio, Y. (2014). Generative adversarial nets. Advances in neural information processing systems, 27.

He, K., Sun, J., & Tang, X. (2012). Guided image filtering. IEEE transactions on pattern analysis and machine intelligence, 35(6), 1397-1409.

He, K., Gkioxari, G., Dollár, P., & Girshick, R. (2017). Mask r-cnn. In Proceedings of the IEEE international conference on computer vision (pp. 2961-2969).

Isola, P., Zhu, J. Y., Zhou, T., & Efros, A. A. (2017). Image-to-image translation with conditional adversarial networks. In Proceedings of the IEEE conference on computer vision and pattern recognition (pp. 1125-1134).

Karara, G., Hajji, R., & Poux, F. (2021). 3D Point Cloud Semantic Augmentation: Instance Segmentation of 360° Panoramas by Deep Learning Techniques. Remote Sensing, 13(18), 3647.

Li, G., Ma, B., He, S., Ren, X., & Liu, Q. (2020). Automatic tunnel crack detection based on u-net and a convolutional neural network with alternately updated clique. Sensors, 20(3), 717.

Long, J., Shelhamer, E., & Darrell, T. (2015). Fully convolutional networks for semantic segmentation. In Proceedings of the IEEE conference on computer vision and pattern recognition (pp. 3431-3440).

Mirza, M., & Osindero, S. (2014). Conditional generative adversarial nets. arXiv preprint arXiv:1411.1784.

Morgenstern, O., & Von Neumann, J. (1953). Theory of games and economic behavior. Princeton university press.

Ronneberger, O., Fischer, P., & Brox, T. (2015, October). U-net: Convolutional networks for biomedical image segmentation. In *International Conference on Medical image computing and computer-assisted intervention* (pp. 234-241). Springer, Cham.

Weng, W., & Zhu, X. (2015). Convolutional Networks for Biomedical Image Segmentation. IEEE Access.

Wu, H., Zhang, J., Huang, K., Liang, K., & Yu, Y. (2019). Fastfcn: Rethinking dilated convolution in the backbone for semantic segmentation. arXiv preprint arXiv:1903.11816.

Xie, C., Wang, Z., Chen, H., Ma, X., Xing, W., Zhao, L., ... & Lin, Z. (2021). Image Style Transfer Algorithm Based on Semantic Segmentation. *IEEE Access*, *9*, 54518-54529.

Xu, Y., Wang, K., Yang, K., Sun, D., & Fu, J. (2019, September). Semantic segmentation of panoramic images using a synthetic dataset. In Artificial Intelligence and Machine Learning in Defense Applications (Vol. 11169, p. 111690B).

International Society for Optics and Photonics.

Zhu, J. Y., Park, T., Isola, P., & Efros, A. A. (2017). Unpaired image-to-image translation using cycle-consistent adversarial networks. In Proceedings of the IEEE international conference on computer vision (pp. 2223-2232).

Zhang, H., Xu, T., Li, H., Zhang, S., Wang, X., Huang, X., & Metaxas, D. N. (2017). Stackgan: Text to photo-realistic image synthesis with stacked generative adversarial networks. In *Proceedings of the IEEE international conference on computer vision* (pp. 5907-5915).

于佩琴. (2014). 室內設計的本質性: 室內空間居家性之探討. 中原大學室內設計研究所學位論文, 1-83.

宋杰, 肖亮, 练智超, 蔡子贇, & 蒋国平. (2021). 基于深度学习的数字病理图像分割综述与展望. Journal of Software, 32(5).

冷翊(2016)。以三維電腦繪圖為核心的室內設計流程及表現之研究。南華大學藝術與設計學院創意產品設計學系。

林庭生(2021)。以Pix2Pix與超解析度成像網路為基礎之金門老照片修復研究。國立金門大學資訊科技與應用碩士班

施旻岳（2021）。以生成對抗網路為基礎之閩式建築風格轉換研究（碩士論文）。國立金門大學資訊科技與應用碩士班。

張榮傑(2015)。基於語義分割之影片風格轉換。國立交通大學多媒體工程研究所

張峻瑋. (2019). 3D 效果圖擬真度影響設計發展之視覺思考研究. 中原大學室內設計研究所學位論文, 1-184.

楊詒鈞(2021)。生成對抗網路應用於多角度學習情緒辨識之研究(碩士論文)。國立中興大學資訊管理學系。

影像分割 Image Segmentation — 語義分割 Semantic Segmentation(1) | by 李謦伊

<https://medium.com/chingi/%E5%BD%B1%E5%83%8F%E5%88%86%E5%89%B2-image-segmentation-%E8%AA%9E%E7%BE%A9%E5%88%86%E5%89%B2-semantic-segmentation-1-53a1dde9ed92>

簡嘉琳(2021)。基於生成對抗網路的繪畫風格轉換(碩士論文) 。國立宜蘭大 學資訊工程學系研究所。