Yaxing Wang

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OVERVIEW

I am a fourth-year PhD student in the engineering school at Autonomous University of Barcelona(UAB). My supervisor is Joost van de Weijer who is a senior researcher at the Computer Vision Center(CVC) in UAB. My research interests include machine learning (especially deep learning) and its applications to computer vision.

EXPERIMENT

Hands-on Deep Learning with MatConvNet

EDUCATION

PhD Student in Computer Science   2015 -
Autonomous University of Barcelona, Spain
    Advisor: Joost van de Weijer

M.S in Signal Processing   2012 - 2015
Zhengzhou University,China
    Advisors: Lin Qi

B.E in Communication Engineering   2008 - 2012
Huanghe Science and Technology College,China

PUBLICATIONS

9. Chenshen Wu, Xialei liu, <u>Yaxing Wang</u>, Luis Herranz, Joost van de Weijer, Bogdan Raducanu, "Memory Replay GANs: learning to generate images from new categories without forgetting", **Accepted**, NIPs (2018).

8. <u>Yaxing Wang</u>, Chenshen Wu, Luis Herranz, Joost van de Weijer, Abel Gonzalez-Garcia, Bogdan Raducanu, "Transferring GANs: generating images from limited data", **Accepted**, European Conference on Computer Vision(ECCV) (2018).

7. <u>Yaxing Wang</u>, Joost van de Weijer and Luis Herranz, "Mix and match networks: encoder-decoder alignment for zero-pair image translation", **Published**, Conference on Computer Vision and Pattern Recognition(CVPR) (2018).

6. <u>Yaxing Wang</u>, Lichao Zhang and Joost van de Weijer, "Ensembles of generative adversarial networks", **Published**, Conference on Neural Information Processing Systems Workshop on Adversarial Training (2016).

5. Ozan Caglayan, Walid Aransa, <u>Yaxing Wang</u>, Marc Masana, Mercedes García-Martínez, Fethi Bougares, Loïc Barrault, Joost Van de Weijer, "Does multimodality help human and machine for translation and image captioning?", **Published**, ACL2016 the First Conference on Machine Translation (2016).

4. Li Yang, Xiaomi Mu, <u>Yaxing Wang</u> and Yaping Wang, "Image Super-resolution Using Mid-level Representations ", **Published**, International Conference on Information Engineering and Communications Technology (2016).

3. <u>Yaxing Wang</u>, Lin Qi, Xin Guo, Enqing Chen, "Fusion of complementary discrete fractional Fourier features extracted through sparse PCA in generalized frequency domains for face recognition", **Published**, Application Research of Computers (2016).

2. Jiangxue Tian, Lin Qi and <u>Yaxing Wang</u> , "Spectral residual method of saliency detection based on the two-dimensional fractional Fourier transform domain", **Published**, Seventh International Conference on Graphic and Image Processing (2015).

1. <u>Yaxing Wang</u>, Lin Qi, Xin Guo and Lei Gao, "Face recognition based on histogram of the 2D-FrFT magnitude and phase", **Published**, Seventh International Conference on Graphic and Image Processing (2014).

RELATED PROJECTS

- Multilingual Multimodal Continuous Representation for Human Language Understanding(2015 -)

- Face Expression Recognition Based on on FrFT(2014 - 2015)

- The basic theory and application of fractional Fourier transform application(2013 - 2015)

- Single-channel/multi-channel communication based on FrFT in time-varying channel environment(2013 -2015)

AWARDS

- Excellent Undergraduate Student in Zhengzhou University(2015)

- Excellent Undergraduate Student in Huanghe Science and Technology College(2012)

- The Second Prize of Mathematical Contest In Modeling and Interdisciplinary Contest In Modeling(2010)