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18826523503					jfyang@szpt.edu.cn					
(1) CNN GCN (2) X X what in where										
[1] 2021.1-2024.12 56 [2] 2014.1-2017.12 73 [3] 2011.1-2013.12 32										
: [1] Jinfeng Yang, Jianze Wei, Yihua Shi. Accurate ROI Localization and Hierarchical Hyper-sphere Granulation for Finger vein Recognition, Neurocomputing, 2018. [2] Jinfeng Yang, Yihua Shi, Guimin Jia. Finger-vein Image Matching Based on Adaptive Curve Transformation, Pattern Recognition, 2017. [3] Jinfeng Yang, Zhen Zhong, Guimin Jia. Spatial Circular Granulation Method Based on Multimodal Finger Feature, Journal of Electrical and Computer Engineering, 2016. [4] Qiaoli Dong, Yanyan Lu, Jinfeng Yang*. Approximately solving multi-valued variational inequalities by using a projection and contraction algorithm, Numerical Algorithms, 2017.										

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[1]

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[2] 61806208

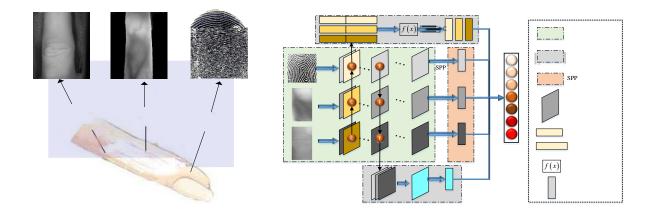
2019.1-2021.12 26

[3] 2021.1-2022.12

20

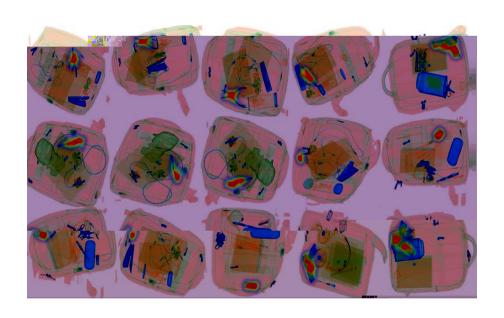
Biometrics

Fingerprint, FP Finger Knuckle Print FKP Finger Vein, FV



2

> X X



2 python C++