

















- [4] D. Bobeldyk and A. Ross. Predicting gender and race from near infrared iris and periocular images. *arXiv preprint arXiv:1805.01912*, 2018.
- [5] A. Dantcheva, P. Elia, and A. Ross. What else does your biometric data reveal? A survey on soft biometrics. *IEEE Transactions on Information Forensics And Security (TIFS)*, 11:441–467, 2016.
- [6] J. S. Doyle, K. W. Bowyer, and P. J. Flynn. Variation in accuracy of textured contact lens detection based on sensor and lens pattern. In *Proc. of IEEE International Conference on Biometrics: Theory, Applications and Systems (BTAS)*, pages 1–7, 2013.
- [7] G. Fahmy. Super-resolution construction of iris images from a visual low resolution face video. In *9th International Symposium on Signal Processing and Its Applications*, pages 1–6. IEEE, 2007.
- [8] P. Hu and D. Ramanan. Finding tiny faces. In *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, pages 1522–1530. IEEE, 2017.
- [9] J. Huang, L. Ma, T. Tan, and Y. Wang. Learning based resolution enhancement of iris images. In *British Machine Vision Conference*, pages 1–10, 2003.
- [10] R. Jillela, A. Ross, and P. J. Flynn. Information fusion in low-resolution iris videos using principal components transform. In *IEEE Workshop on Applications of Computer Vision (WACV)*, pages 262–269, 2011.
- [11] J. Kannala and E. Rahtu. BSIF: Binarized statistical image features. In *Proc. of International Conference on Pattern Recognition (ICPR)*, pages 1363–1366, 2012.
- [12] A. Kuehlkamp, B. Becker, and K. Bowyer. Gender-from-iris or gender-from-mascara? In *IEEE Winter Conference on Applications of Computer Vision (WACV)*, pages 1151–1159, 2017.
- [13] S. Lagree and K. W. Bowyer. Predicting ethnicity and gender from iris texture. In *IEEE International Conference on Technologies for Homeland Security (HST)*, pages 440–445, 2011.
- [14] V. Mirjalili, S. Raschka, A. Namboodiri, and A. Ross. Semi-adversarial networks: Convolutional autoencoders for imparting privacy to face images. In *IEEE/IAAPR International Conference on Biometrics (ICB)*, pages 82–89, 2018.
- [15] V. Mirjalili, S. Raschka, and A. Ross. Gender privacy: An ensemble of semi adversarial networks for confounding arbitrary gender classifiers. In *9th IEEE International Conference on Biometrics: Theory, Applications and Systems (BTAS)*, 2018.
- [16] K. Nguyen, C. Fookes, R. Jillela, S. Sridharan, and A. Ross. Long range iris recognition: A survey. *Pattern Recognition*, 72:123–143, 2017.
- [17] K. Nguyen, C. Fookes, S. Sridharan, and S. Denman. Feature-domain super-resolution for iris recognition. *Computer Vision and Image Understanding*, 117(10):1526–1535, 2013.
- [18] K. Nguyen, C. Fookes, S. Sridharan, M. Tistarelli, and M. Nixon. Super-resolution for biometrics: A comprehensive survey. *Pattern Recognition*, 78:23–42, 2018.
- [19] X. Qiu, Z. Sun, and T. Tan. Global texture analysis of iris images for ethnic classification. In *International Conference on Biometrics*, pages 411–418. Springer, 2006.
- [20] X. Qiu, Z. Sun, and T. Tan. Learning appearance primitives of iris images for ethnic classification. In *Proc. of IEEE International Conference on Image Processing (ICIP)*, volume 2, pages II–405, 2007.
- [21] M. Singh, S. Nagpal, M. Vatsa, R. Singh, A. Noore, and A. Majumdar. Gender and ethnicity classification of iris images using deep class encoder. In *Proc. of IEEE International Joint Conference on Biometrics (IJCB)*, 2017.
- [22] J. Tapia and C. Aravena. Gender classification from NIR iris images using deep learning. In *Deep Learning for Biometrics*, pages 219–239. Springer, 2017.
- [23] J. Tapia and C. C. Aravena. Gender classification from periocular NIR images using fusion of cnns models. In *IEEE 4th International Conference on Identity, Security, and Behavior Analysis (ISBA)*, pages 1–6, 2018.
- [24] J. E. Tapia, C. A. Perez, and K. W. Bowyer. Gender classification from iris images using fusion of uniform local binary patterns. In *Proc. of ECCV Workshops*, pages 751–763. Springer, 2014.
- [25] J. E. Tapia, C. A. Perez, and K. W. Bowyer. Gender classification from the same iris code used for recognition. *IEEE Transactions on Information Forensics and Security*, 11(8):1760–1770, 2016.
- [26] V. Thomas, N. V. Chawla, K. W. Bowyer, and P. J. Flynn. Learning to predict gender from iris images. In *Proc. of IEEE Conference on Biometrics: Theory, Applications and Systems (BTAS)*, pages 1–5, 2007.