

# CURRICULUM VITAE



## Personal information

- **Personal**
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## Education

- **Ph.D.'s degree** in 2020
- **Master's degree** in 2005
- **Engineering's degree** in 1997

## Functions and Affiliations

- **Associate professor**
- **Department of Mathematics and Computer science.**

## Teaching modules

- Machine structure 1 (STM 1)
- Machine structure 2 (STM 2)
- Geometric modeling (Master I)

## International publications

- Taouche, C., Belhadef, H., & Laboudi, Z. (2022). Palmprint Recognition System Based on Multi-Block Local Line Directional Pattern and Feature Selection. *International Journal of Information Technologies and Systems Approach (IJITSA)*, 15(1), 1-26. <http://doi.org/10.4018/IJITSA.292042>
- Taouche, C., Belhadef, H. (2020). Local Descriptor and Feature Selection Based Palmprint Recognition System. In: Saeed, F., Mohammed, F., Gazem, N. (eds) *Emerging Trends in Intelligent Computing and*

Informatics. IRICT 2019. Advances in Intelligent Systems and Computing, vol 1073. Springer, Cham.  
[https://doi.org/10.1007/978-3-030-33582-3\\_72](https://doi.org/10.1007/978-3-030-33582-3_72)

- Taouche, C., Belhadef, H. (2019). Multimodal biometric system combining left and right palmprints. *Information Discovery and Delivery*, 48(1), 2-13. <https://doi.org/10.1108/IDD-01-2019-0011>
- C. Taouche, M. C. Batouche, M. Berkane and A. Taleb-Ahmed, "Multimodal biometric systems," *2014 International Conference on Multimedia Computing and Systems (ICMCS)*, Marrakech, Morocco, 2014, pp. 301-308, doi: 10.1109/ICMCS.2014.6911308. <https://ieeexplore.ieee.org/abstract/document/6911308>
- Taouche, C., Batouche, M.C., Taleb-Ahmed, A. (2014). EMB-CS-LTP: New variant based LBP for face recognition. *In 1st ICEEB'14, Biskra*.
- Taouche, C., Batouche, M.C., Chemachema, M., Taleb-Ahmed, A., & Berkane, M. (2014). New face recognition method based on local binary pattern histogram. *In Proc. Int. Conf. Sciences and Techniques of Automatic Control and Computer Engineering (STA'14)*, appeared in *IEEE Xplore*, DOI:10.1109/STA.2014.7086724, pp. 508 - 513, Hammamet. <https://ieeexplore.ieee.org/document/7086724>

## Interests and Qualifications

- **Interests:** Image Processing, Biometrics and Security, Machine Learning, Image Compression, Computer Vision.