

1. Publications Internationales

- Djamila Dahmani, Slimane Larabi, Mehdi Cheref: Efficient representation of size functions based on moments theory. *Multimedia Tools Appl.* 78(19): 27957-27982 (2019).
- L. Abada, S. Aouat. Reconstruction avec shape from shading et réseaux de neurones. A soumettre pour *Multimedia Tools and Applications*.
- N. Laiche, S. Larabi. Shape Retrieval through Normalized B-splines Curves. *International Journal of Multimedia Tools and Applications (MTAP)* 76 (18). Springer US (2018) 1-31.
- N. Laiche, S. Larabi. Geometric Based Histograms for Shape Representation and Retrieval. *International Journal Of Advanced Intelligence Paradigms. (IJAIP)*. Inderscience Enterprises Ltd. (2018) 1-26.
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- Lamine Benrais and Nadia Baha. Towards an Accurate and Fast Computation of Discrete Tchebychev Moments for Binary and Grey-level Images. *IET Image Processing*, volume 12(4). 2018
- Merrouche F., Baha N., Fall Detection Depth-Based Using Tilt Angle and Shape Deformation. *IJCVIP* 8(4): 26-40 (2018)
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- Izem Hamouchene, Saliha Aouat. Rotation-invariant method for texture matching using model-based histograms and GLCM. *IJRIS* 9(1): 3-11 (2017)
- Lyes Ababa, Saliha Aouat. Improved shape from shading without initial information. *Frontiers of Computer Science* 11(2): 320-331 (2017)
- Hadjer Lacheheb , Saliha Aouat. SIMIR: New mean SIFT color multi-clustering image retrieval. *Multimedia Tools Appl.*76(5): 6333-6354, 2017
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- Izem Hamouchene , Saliha Aouat.. “Efficient approach for iris recognition”. *Signal, Image and Video Processing*, pp. 1-7, 2016. Springer 2016.
- Nadia BAHA, Tolba mouslim. **A real-Time Stereo Vision Based Obstacle Detection** Chapitre de livre , *Emerging Trends and Advanced Technologies for Computational Intelligence*, Springer International Publishing Switzerland 2016, pp 347-364
- Nadia BAHA, Eden Beloudah, Mehdi Ousmer. **Towards a Real-Time Fall Detection System using Kinect Sensor** *International Journal of Computer Vision and Image Processing, (IJCVIP)*. 2016
- Lyes Abada, Saliha Aouat. Facial shape-from-shading using features detection method. *IJAIP* 8(1): 3-19 (2016)

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2. Communications Internationales

- Merrouche F., Baha N Mebtouche N., Baha N., Depth Estimation from a Single 2D Image Camera, ISPS 2018 International Symposium on Programming and System, April 24-26, 2018, Algiers.
- Bida I, Aouat S. A New Approach Based on Bat Algorithm for Inducing Optimal Decision Trees Classifiers. 2nd International Conference Europe Middle East & North Africa Information Systems and Technologies to support Learning. (MENA-ISTL 2018) 25 to 27 October 2018 Fez, Morocco.
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