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Research Areas

Signal Processing, Image and Video Processing, Pattern Recognition and Analysis, Computer Vision

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **SHREC'21: Quantifying shape complexity[Formula presented]**
ARSLAN M. F., Haridis A., Rosin P. L., TARI Z. S., Brassey C., Gardiner J. D., Genctav A., Genctav M.
Computers and Graphics (Pergamon), vol.102, pp.144-153, 2022 (SCI-Expanded)
- II. **Complexity of Shapes Embedded in $\mathbb{Z}$ with a Bias towards Squares**
ARSLAN M. F., Tari S.
IEEE Transactions on Image Processing, vol.29, pp.8870-8879, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Duffin-Kemmer-Petiau equation (DKP) wavefunctions solutions according to the virial theorem for a spinless boson particle interacting with a potential $V(r) = kr(n)$**
ARSLAN H., ARSLAN M. F.
PHYSICS ESSAYS, vol.29, no.1, pp.10-13, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Local Culprits of Shape Complexity**
ARSLAN M. F., TARI Z. S.
8th International Conference on Scale Space and Variational Methods in Computer Vision, SSVN 2021, Virtual, Online, 16 - 20 May 2021, pp.91-99

Scientific Refereeing

JOURNAL OF MATHEMATICAL IMAGING AND VISION, SCI Journal, November 2021

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Publication: 4

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