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Multimedia

Machine Learning

TITLE	YEAR
Predictive Analysis for Detection of Human Neck Postures using a robust integration of kinetics and kinematics. Kumar, Korupalli V & Elias, Susan. (2020).	2020
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Demo: A Machine Learning based M-ary Amplitude Modulated Visible Light Communication System. Raman, Sethu & Elias, Susan & Ashok, Ashwin. 694-695. 10.1109/COMSNETS48256.2020.9027292.	2020
A Data Set of Internet Claims and Comparison of their Sentiments with Credibility. Parundekar, Amey & Elias, Susan & Ashok, Ashwin.	2019
<a href="#">Trait of Gait: A Survey on Gait Biometrics</a> Isaac, Ebenezer & Elias, Susan & Rajagopalan, Srinivasan & Easwarakumar, K. Technological Trends in Improved Mobility of the Visually Impaired, 145-179	2019
<a href="#">Template-Based Gait Authentication Through Bayesian Thresholding</a> Isaac, Ebenezer & Elias, Susan & Rajagopalan, Srinivasan & Easwarakumar, K IEEE/CAA Journal of Automatica Sinica ( Volume: 6 , Issue: 1 , January 2019 )	2019
<a href="#">Contextual Pattern Clustering for Ontology Based Activity Recognition in Smart Home</a> K. S. Gayathri, K. S. Easwarakumar, Susan Elias Communications in Computer and Information Science	2018
<a href="#">Activity Recognition and Dementia Care in Smart Home</a> K. S. Gayathri, K. S. Easwarakumar, Susan Elias Advances in Theory and Practice of Emerging Markets book series (ATPEM)	2018
<a href="#">Gait Verification System Through Multiperson Signature Matching for Unobtrusive Biometric Authentication</a> Isaac, Ebenezer & Elias, Susan & Rajagopalan, Srinivasan & Easwarakumar, K Journal of Signal Processing Systems. 91. 147-161. 10.1007/s11265-018-1373-8.	2018
<a href="#">Multiview Gait-Based Gender Classification through Pose-Based Voting</a> Isaac, Ebenezer & Elias, Susan & Rajagopalan, Srinivasan & Easwarakumar K Pattern Recognition Letters 126 · April 2018	2018
<a href="#">Assistive Dementia Care System Through Smart Home</a> K.s, Gayathri & Elias, Susan & Easwarakumar, K Proceedings of First International Conference on Smart System, Innovations and Computing pp 455-467	2018
<a href="#">An applications interoperability model for heterogeneous internet of things environments</a> R.Vinob chander, Saswati Mukherjee, SusanElias Computers & Electrical Engineering, Volume 64, November 2017, Pages 163-172	2017

## [Hierarchical activity recognition for dementia care using Markov Logic Network](#)

K.s, Gayathri & Elias, Susan & Ravindran, Balaraman

2014

Personal and Ubiquitous Computing 19(2):271-285 · February 2014

## [An Ontology and Pattern Clustering Approach for Activity Recognition in Smart Environments](#)

K.s, Gayathri & Elias, Susan & Subramanian, Shivashankar

2014

Advances in Intelligent Systems and Computing