

Books/ Book Chapters - 2023

- R.G. Babu, K.U. Maheswari, C. Zarro, B.D. Parameshachari, S.L. Ullo, Land-Use and Land-Cover Classification Using a Human Group-Based Particle Swarm Optimization Algorithm with an LSTM Classifier on Hybrid Pre-Processing Remote-Sensing Images, Remote Sens. 12 (2020) 1–28. <https://doi.org/10.3390/rs12244135>.
- Sudhakaran P., Muthuraj A., Foundation of Data Science, 2023, Charulatha Publications, ISBN:13-978-93-5577-618-1
- Balaji, G.N., Vigneshwaran, T., Lecture Notes in Networks and Systems, Convolution Neural Network for Weed Detection, International conference on Data Management, Analytics and Innovation, 2023, 978-981-99-1413-5 (Springer) https://link.springer.com/chapter/10.1007/978-981-99-1414-2_65
- Paulraj G., Brucely Y., Thilak M., Mechanical Properties and characterization of additively Manufactured Materials, 4D printing technology for health care applications, 2023, ISBN: 9781003430186 (CRC Press) <https://www.routledge.com/Mechanical-Properties-and-Characterization-of-Additively-Manufactured-Materials/KKumar-Vettivel-Subramanian/p/book/9781032392776>
- Chellaswamy C, Thiruvalar Selvan P, Markkandan S, Geetha T.S., Current Applications of Deep Learning in Cancer Diagnostics, Brain Tumor Segmentation Utilizing MRI Multimodal Images with Deep Learning, 2023, ISBN9781003277002 (Taylor Francis) <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003277002-5/brain-tumor-segmentation-utilizing-mri-multimodal-images-deep-learning-chellaswamy-thiruvalar-selvan-markkandan-geetha>
- Chellaswamy C., Geetha T.S., Ramasubramanian B., Dhelipan Raj A., Dhilipkumar S., Koushikaran K., IEEE conference book Smart River Water Quality and Level Monitoring: a Hybrid Neural Network Approach, International Conference on Advances

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<https://ieeexplore.ieee.org/document/10074495>
- Asokan J., Dheeraj G.S.S.N., Naidu R.V.S.S.M., Reddy R.S., Sasi G., Elamaram V., Revisiting the Utility of Spectral Measures on Spoken Letter Recognition 2023, 9th International Conference on Advanced Computing and Communication Systems, 2023, ISBN: 979-8-3503-9737-6 (IEEE)
<https://ieeexplore.ieee.org/abstract/document/10112969>
 - Sridevi S., Veeramani V., Chithra S.M., Lecture Notes on Data Engineering and Communications Technologies, A Study on Repeated Game Theory in Wireless Sensor Networks Security, International conference on Intelligent Communication Technologies and Virtual Mobile Networks, 2023, ISBN: 978-981-99-1767-9 (Springer Verlag)
https://link.springer.com/chapter/10.1007/978-981-99-1767-9_2
 - Esther A.A., Manoharan P.S., Nivedita J., Deepamangai P., Lecture Notes on Data Engineering and Communications Technologies, Control Strategy for Modified Quasi-Admittance Source Inverter, International conference on Intelligent Communication Technologies and Virtual Mobile Networks, 2023, ISBN: 978-981-99-1767-9 (Springer)
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 - Kannan A., Ramasubramanian B., Abdulla A., Akash S., Hamshavarthan K., IEEE conference book An Efficient Wirelength Optimization for Booth Multiplier using Silicon Vias, Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ISBN:979-8-3503-3600-9 (Springer),
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 - Megala G., Swarnalatha P., Venkatesan R., Lecture Notes in Networks and Systems, Detecting Bone Tumor on Applying Edge Computational Deep Learning Approach, 2023, ISBN: 978-981-99-1414-2 (Springer), https://link.springer.com/chapter/10.1007/978-981-99-1414-2_66

- Chellaswamy C., Geetha T.S., Hariharan K., Dhelipan Raj A., Archana K., Babitharani S., IEEE conference book Deep Learning-Based Braille Technology for Visual and Hearing Impaired People, International Conference on Smart Systems for Applications in Electrical Sciences, 2023, ISBN: 979-8-3503-4729-6 (IEEE)
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- Chellaswamy C, Aiswarya K, Asokan J., Artificial Intelligence in Telemedicine: Artificial Intelligence in Telemedicine Processing of Biosignals and Medical Images, An Efficient Deep Learning Approach for Brain Stroke Detection Application of Telemedicine, 2023, ISBN: 9781003430186; 9781032392776 (CRC PRESS, TAYLOR & FRANCIS GROUP).
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