

Books

1. **Paulraj M P**, "Certain Investigations on the Stability and Stabilization of a Class of Neural and Fuzzy Systems", PhD Thesis, Bharathiar University, Coimbatore, India, August 2001.
2. Editor of the Proceeding of the First National Conference on Electrical and Instrumentation Systems, Government College of Technology, Anna University, Coimbatore, India, March 2002.
3. S N Sivanandam, **Paulraj M P**, Introduction to Artificial Neural Networks, Vikas Publishing House, India, 2003.
4. Associate Editor of the Proceedings of the Second International Conference on Artificial Intelligence in Engineering and Technology, Universiti Malaysia Sabah, Sabah, Malaysia, August 2004.

Book Chapters

1. **Paulraj M P**, Sazali Yaacob, Ahmad Nazri, M Thagirarani, "*Classroom Speech Intelligibility Prediction using Back propagation Neural Network*", Modeling and Simulation (Emerging Methods towards Frontier Technologies in Chemical and Physical Sciences), Vol.1, pp.519-525, Allied Publishers Pvt. Ltd., ISBN 81-8424-291-0 India, August 2007.
2. Hema C R, Sazali Yaacob, R Nagarajan, Abdul Hamid Adom, **Paulraj M P**, "EEG Based Brain Machine Interface for Rehabilitation: A Guided Tour", Springer Book Series IFMBE Proceedings, Springer Berlin Heidelberg, Vol.15, pp.632-636, ISBN 978-3-540-68016-1, 2007.
3. Hema C R, Sazali Yaacob, Abdul Hamid Adom, Paulraj M P, S Palaniswami, "Recognition of EEG Mental Tasks for a Brain Machine Interface", Modeling and Simulation (Emerging Methods towards Frontier Technologies in Chemical and Physical Sciences), Vol.2, pp.1176-1180, Allied Publishers Pvt. Ltd., ISBN 81-8424-291-0, India, 2007.
4. Hema C R, **Paulraj M P**, Sazali Yaacob, Abdul Hamid Adom, R Nagarajan, "Particle Swarm Optimization Neural Network based Classification of Mental Tasks", Springer Book Series IFMBE Proceedings, Springer Berlin Heidelberg, Vol.21, pp.883-888, ISBN:978-3-540-69138-9, July 2008.
5. **Paulraj M P**, Hema C R, "Vision based Systems for Localization in Service Robots", Robot Localization and Map Building, In-Tech Publishers, Austria, ISBN ; 978-953-7619-X-X, August 2010.
6. Hema C R, **Paulraj M P**, Sazali bin Yaacob, Abdul Hamid bin Adom and Nagarajan R, "Asynchronous Brain Machine Interface-based Control of A Wheelchair", Software Tools and Algorithms for Biological Systems, Journal of Advances in Experimental Medicine and Biology Vol. 696, part 7, pp. 565-572, 2011.
7. Saidatul Ardeenawatie Awang, **Paulraj M P**, Sazali bin Yaacob, Yusnita Mohd Ali, Fadzly Ramidi and Fauziah Mat, "Spectral Density Analysis: Theta Wave as Mental Stress Indicator", Signal Processing, Image Processing and Pattern Recognition (SIP2011), Communications in Computer and Information Science, pp. 103-112, Springer Verlag, Heidelberg 2011.

8. **Paulraj M P**, Mohd Shukry Abdul Majid, Sazali Yaacob, Nor Shaifudin Abdul Hamid and Pranesh Krishnan, "Diagnosis of steel plate damage using vibration signals", pp. 47-51, Emerging Trends in Engineering Research, Bornfring, Coimbatore, India, 978-93-82338-32-1, 2013.
9. C R Hema, R Nadhakumar and **Paulraj M P**, " Estimating Object Distance using Stereo Vision System", pp. 143-146, Emerging Trends in Engineering Research, Bornfring, Coimbatore, India, 978-93-82338-32-1, 2013.
10. **Paulraj M. P.**, Abdul Hamid Bin Adom, Sazali Bin Yaacob, Hema C. R., Erdy Sulino Mohd Muslim Tan and Sathees Kumar Nataraj, "EEG-Based Vocabulary Task Classification for Differentially Abled Communities", pp. 161-169, Emerging Trends in Engineering Research, Bornfring, Coimbatore, India, 978-93-82338-32-1, 2013.
11. Mohd Shuhanaz Zonar Azalan, **Paulraj M.P**, Abdul Hamid Bin Adom, "Hand Movement Motor Imagery Classification for a Non-Cue-Based BCI", pp. 183-186, Emerging Trends in Engineering Research, Bornfring, Coimbatore, India, 978-93-82338-32-1, 2013.
12. **Paulraj M P**, Kamalraj Subramaniam, Sazali Yaacob, Abdul Hamid Bin Adom, "Classification of Hearing Perception Level using Spectral Energy Entropy", pp. 191-195, Emerging Trends in Engineering Research, Bornfring, Coimbatore, India, 978-93-82338-32-1, 2013.
13. Yusnita M A, **Paulraj M P** and Sazali Yaacob, "Statistical Selection of Mel Filter Bands for Optimized Features in Accent Recognition", pp. 203-209, Emerging Trends in Engineering Research, Bornfring, Coimbatore, India, 978-93-82338-32-1, 2013.
14. N. Abdul Rahim, **Paulraj M P**, Abdul Hamid Bin Adom, Adaptive Boosting for Moving Vehicle Noise Classification using SVM and KNN Classifier", pp. 229-237, Emerging Trends in Engineering Research, Bornfring, Coimbatore, India, 978-93-82338-32-1, 2013.
15. Yusnita M A, **Paulraj M P**, Sazali Yaacob, Shahrman, Yusuf R , "On the use of Spectral Feature Fusions for Enhanced Performance of Malaysian English Accents Classification", Accepted for Springer Book Chapter-2015.
16. Yusnita M A, **Paulraj M P**, Sazali Yaacob, Shahrman, Yusuf R, "Robustness Analysis of Feature Extractors for Ethnic Identification of Malaysian, English Accent Database", Accepted for Springer Book Chapter-2015