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- [1] N. Darvesh *et al.*, “Exploring the prevalence of gaming disorder and Internet gaming disorder: A rapid scoping review,” Apr. 02, 2020, *BioMed Central Ltd.* doi: 10.1186/s13643-020-01329-2.
- [2] M. Matejcek and M. Sostronek, “Analytical Hierarchic Method in Decision Making Process,” in *Proceedings of the International Conference on New Trends in Signal Processing, NTSP 2020*, Institute of Electrical and Electronics Engineers Inc., Oct. 2020. doi: 10.1109/NTSP49686.2020.9229533.
- [3] Institute of Electrical and Electronics Engineers, *Proceedings of 2nd International Conference on Computer Science and Educational Informatization : IEEE CSEI 2020 : Xinxiang, China, June 12-14, 2020*. 2020. doi: 10.1109/CSEI50228.2020.9142477.
- [4] D. S. Moschona, “An Affective Service based on Multi-Modal Emotion Recognition, using EEG enabled Emotion Tracking and Speech Emotion Recognition,” in *2020 IEEE International Conference on Consumer Electronics - Asia, ICCE-Asia 2020*, Institute of Electrical and Electronics Engineers Inc., Nov. 2020. doi: 10.1109/ICCE-Asia49877.2020.9277291.
- [5] Y. Liu, Z. Lin, and H. Li, “Application Progress of ERP in EEG-based Psychological Research,” *Proceedings of 2020 IEEE 3rd International Conference of Safe Production and Information (IICSPI)*, pp. 14–16, 2020, doi: 10.1109/IICSPI51290.2020.9332425.
- [6] L. Zhang, “EEG Signals Feature Extraction and Artificial Neural Networks Classification for The Diagnosis of Schizophrenia,” *Proceedings of 2020 IEEE 19th International Conference on Cognitive Informatics and Cognitive Computing, ICCI*CC 2020*, pp. 68–75, 2020, doi: 10.1109/ICCICC50026.2020.09450257.
- [7] X. Luo, Y. Lin, R. Guo, X. Gao, and S. Zhang, “ERP and Pupillometry Synchronization Analysis on Rapid Serial Visual Presentation of Words, Numbers, Pictures,” *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, vol. 31, pp. 1933–1942, 2023, doi: 10.1109/TNSRE.2023.3263502.
- [8] S. Anwar, T. Batool, and M. Majid, “Event Related Potential (ERP) based Lie Detection using a Wearable EEG headset,” *Proceedings of 2019 16th International Bhurban Conference on Applied Sciences and Technology, IBCAST 2019*, pp. 543–547, 2019, doi: 10.1109/IBCAST.2019.8667131.

- [9] S. Mathôt and J. March, “Conducting Linguistic Experiments Online With OpenSesame and OSWeb,” *Lang Learn*, vol. 72, no. 4, pp. 1017–1048, Dec. 2022, doi: 10.1111/lang.12509.
- [10] J. M. Conte and F. J. Landy, *Work in the 21st Century: An Introduction to Industrial and Organizational Psychology*. Hoboken: John Wiley & Sons, 2019.
- [11] Y. Yu, Y. Li, Y. Zhou, Y. Wang, and J. Wang, “A Learnable and Explainable Wavelet Neural Network for EEG Artifacts Detection and Classification,” *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, vol. 32, pp. 3358–3368, 2024, doi: 10.1109/TNSRE.2024.3452315.
- [12] D. H. Yun, M. K. Sohn, J. E. Choi, and S. Jee, “Reliability of electroencephalogram indicator and event related potential in subacute stroke,” *Medicine (United States)*, vol. 101, no. 48, p. E31766, 2022, doi: 10.1097/MD.00000000000031766.
- [13] N. Oribe *et al.*, “Early and late stages of visual processing in individuals in prodromal state and first episode schizophrenia: An ERP study,” *Schizophr Res*, vol. 146, no. 1–3, pp. 95–102, 2013, doi: 10.1016/j.schres.2013.01.015.
- [14] Y.-L. Tseng *et al.*, “Neural Network Dynamics and Brain Oscillations Underlying Aberrant Inhibitory Control in Internet Addiction,” *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, vol. 32, pp. 946–955, 2024, doi: 10.1109/TNSRE.2024.3363756.
- [15] D. S. Moschona, “An Affective Service based on Multi-Modal Emotion Recognition, using EEG enabled Emotion Tracking and Speech Emotion Recognition,” *2020 IEEE International Conference on Consumer Electronics - Asia, ICCE-Asia 2020*, 2020, doi: 10.1109/ICCE-Asia49877.2020.9277291.
- [16] H. Qian, C. Yan, X. Yang, Y. Wu, H. Chu, and X. Gong, “Spatial Pattern of Electroencephalography (EEG) Extracted by Nonlinear Features during Working Memory Maintenance,” *Proceedings - 2020 13th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, CISP-BMEI 2020*, pp. 802–806, 2020, doi: 10.1109/CISP-BMEI51763.2020.9263554.
- [17] H. Schaabova, V. Krajca, V. Sedlmajerova, O. Bukhtaieva, and S. Petranek, “Supervised Learning Used in Automatic EEG Graphoelements Classification,” *2015 E-Health and*

- Bioengineering Conference, EHB 2015*, pp. 4–7, 2016, doi: 10.1109/EHB.2015.7391470.
- [18] A. Shubhadarshan and U. Gaiwale, “Effect of advancing age on event-related potentials (P300) measures,” *Egyptian Journal of Otolaryngology*, vol. 40, no. 1, 2024, doi: 10.1186/s43163-024-00685-3.
- [19] X. K. Lx *et al.*, “Application Progress of ERP in EEG-based Psychological Research,” pp. 14–16.
- [20] U. Rauf and S. M. U. Saeed, “Toward Improved Classification of Perceived Stress Using Time Domain Features,” *IEEE Access*, vol. 12, no. January, pp. 51650–51664, 2024, doi: 10.1109/ACCESS.2024.3369674.
- [21] G. George, R. M. Oommen, S. Shelly, S. S. Philipose, and A. M. Varghese, “A Survey on Various Median Filtering Techniques For Removal of Impulse Noise From Digital Image,” *Proc. IEEE Conference on Emerging Devices and Smart Systems, ICEDSS 2018*, no. March, pp. 235–238, 2018, doi: 10.1109/ICEDSS.2018.8544273.
- [22] M. Munasinghe, H. Perera, S. Udeshini, and R. Weerasinghe, “Machine Learning Based Criminal Short Listing Using Modus Operandi Features,” *15th International Conference on Advances in ICT for Emerging Regions, ICTer 2015 - Conference Proceedings*, pp. 69–76, 2016, doi: 10.1109/ICTER.2015.7377669.
- [23] K. D. Buch, “Decision based Non-linear Filtering using Interquartile Range Estimator for Gaussian Signals,” *11th IEEE India Conference: Emerging Trends and Innovation in Technology, INDICON 2014*, no. 2, 2015, doi: 10.1109/INDICON.2014.7030658.
- [24] H. Zhu, H. Fan, Z. Shu, Q. Yu, X. Zhao, and P. Gan, “Edge Detection with Chroma Components of Video Frame Based on Local Autocorrelation,” *IEEE Access*, vol. 7, pp. 48543–48550, 2019, doi: 10.1109/ACCESS.2019.2910605.
- [25] Z. Zhao, K. Peng, R. Xian, and X. Zhang, “Localization of Oscillation Source in DC Distribution Network Based on Power Spectral Density,” *Journal of Modern Power Systems and Clean Energy*, vol. 11, no. 1, pp. 156–167, 2023, doi: 10.35833/MPCE.2022.000423.
- [26] S. Dash, C. Chakraborty, S. K. Giri, S. K. Pani, and J. Frnda, “BIFM: Big-Data Driven Intelligent Forecasting Model for COVID-19,” *IEEE Access*, vol. 9, pp. 97505–97517, 2021, doi: 10.1109/ACCESS.2021.3094658.

- [27] I. Magrans de Abril, J. Yoshimoto, and K. Doya, “Connectivity inference from neural recording data: Challenges, mathematical bases and research directions,” *Neural Networks*, vol. 102, pp. 120–137, 2018, doi: 10.1016/j.neunet.2018.02.016.
- [28] B. A. Permana, A. N. I. Wardana, and N. Effendy, “Implementation of event-driven fast fourier transform based on IEC 61499,” *Proceedings - 2019 5th International Conference on Science and Technology, ICST 2019*, no. 5, pp. 1–6, 2019, doi: 10.1109/ICST47872.2019.9166414.
- [29] J. M. Kumar and V. K. Mittal, “EEG Data Acquisition System and Analysis of EEG Signals,” *2021 2nd International Conference for Emerging Technology, INCET 2021*, pp. 14–18, 2021, doi: 10.1109/INCET51464.2021.9456431.
- [30] T. Guo, T. Zhang, E. Lim, M. Lopez-Benitez, F. Ma, and L. Yu, “A Review of Wavelet Analysis and Its Applications: Challenges and Opportunities,” *IEEE Access*, vol. 10, pp. 58869–58903, 2022, doi: 10.1109/ACCESS.2022.3179517.
- [31] C. W. Kiang, J. J. Ding, and J. F. Kiang, “Quantum Sensing of Fast Time-Varying Magnetic Field with Daubechies Wavelets,” *IEEE Access*, vol. 12, no. February, pp. 23181–23189, 2024, doi: 10.1109/ACCESS.2024.3364817.
- [32] N. Thomas Rincy and R. Gupta, “A Survey on Machine Learning Approaches and Its Techniques:,” *2020 IEEE International Students’ Conference on Electrical, Electronics and Computer Science, SCEECS 2020*, 2020, doi: 10.1109/SCEECS48394.2020.190.
- [33] D. Yuan, J. Huang, X. Yang, and J. Cui, “Improved random forest classification approach based on hybrid clustering selection,” *Proceedings - 2020 Chinese Automation Congress, CAC 2020*, pp. 1559–1563, 2020, doi: 10.1109/CAC51589.2020.9326711.
- [34] T. H. S. Li, H. J. Chiu, and P. H. Kuo, “Hepatitis C Virus Detection Model by Using Random Forest, Logistic-Regression and ABC Algorithm,” *IEEE Access*, vol. 10, no. June, pp. 91045–91058, 2022, doi: 10.1109/ACCESS.2022.3202295.
- [35] J. Ye *et al.*, “A Chi-MIC Based Adaptive Multi-Branch Decision Tree,” *IEEE Access*, vol. 9, pp. 78962–78972, 2021, doi: 10.1109/ACCESS.2021.3077125.
- [36] X. He and Y. Chen, “Optimized Input for CNN-Based Hyperspectral Image Classification Using Spatial Transformer Network,” *IEEE Geoscience and Remote Sensing Letters*, vol. 16, no. 12, pp. 1884–1888, 2019, doi: 10.1109/LGRS.2019.2911322.

- [37] P. Putra, K. Shima, and K. Shimatani, "Catchicken: A serious game based on the go/nogo task to estimate inattentiveness and impulsivity symptoms," *Proc IEEE Symp Comput Based Med Syst*, vol. 2020-July, pp. 152–157, 2020, doi: 10.1109/CBMS49503.2020.00036.
- [38] K. Mamtha and M. Indiramma, "EEG Signal processing and identification of P300 signals using deep learning," *Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022*, pp. 808–815, 2022, doi: 10.1109/ICAC3N56670.2022.10074434.
- [39] Z. Chen, Z. Yan, N. Lai, A. He, W. Tao, and G. Jiang, "An EEG Generator Capable of Reconstructing Signals from Any EDF File and Simulating Human Body EEG Collection Environment," *2023 3rd International Conference on Computer Science, Electronic Information Engineering and Intelligent Control Technology, CEI 2023*, pp. 450–454, 2023, doi: 10.1109/CEI60616.2023.10527920.
- [40] A. Topor *et al.*, "Applications of Images Processing Algorithms for Bacterial Meningitis Diagnosis," *Proceedings of the 9th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2017*, vol. 2017-Janua, pp. 1–4, 2017, doi: 10.1109/ECAI.2017.8166447.
- [41] A. Delorme, A. Majumdar, S. Sivagnanam, R. Martinez-Cancino, K. Yoshimoto, and S. Makeig, "The Open EEGLAB portal," *International IEEE/EMBS Conference on Neural Engineering, NER*, vol. 2019-March, pp. 1142–1145, 2019, doi: 10.1109/NER.2019.8717114.
- [42] C. L. Dongye and H. Liu, "A Pavement Disease Detection Method based on the Improved Mask R-CNN," *Proceedings - 2020 5th International Conference on Information Science, Computer Technology and Transportation, ISCTT 2020*, pp. 619–623, 2020, doi: 10.1109/ISCTT51595.2020.00117.
- [43] S. Kotte and J. R. K. Kumar Dabbakuti, "Methods for removal of artifacts from EEG signal: A review," *J Phys Conf Ser*, vol. 1706, no. 1, 2020, doi: 10.1088/1742-6596/1706/1/012093.
- [44] S. S. Daud and R. Sudirman, "Butterworth Bandpass and Stationary Wavelet Transform Filter Comparison for Electroencephalography Signal," *Proceedings - International Conference on Intelligent Systems, Modelling and Simulation, ISMS*, vol. 2015-October, pp. 123–126, 2015, doi: 10.1109/ISMS.2015.29.

- [45] R. Farhat, Y. Mourali, M. Jemni, and H. Ezzedine, “An overview of Machine Learning Technologies and their use in E-learning,” *Proceedings of 2020 International Multi-Conference on: Organization of Knowledge and Advanced Technologies, OCTA 2020*, pp. 8–11, 2020, doi: 10.1109/OCTA49274.2020.9151758.
- [46] G. Koganti, S. Edupuganti, A. Shaik, and S. D. Meena, “Drug recommendation system based on analysis of drug reviews using machine learning,” *AIP Conf Proc*, vol. 2869, no. 1, pp. 175–181, 2023, doi: 10.1063/5.0168205.
- [47] M. T. Ahmed, M. Rahman, S. Nur, A. Islam, and D. Das, “Deployment of machine learning and deep learning algorithms in detecting cyberbullying in Bangla and romanized Bangla text: A comparative study,” *Proceedings of the 2021 1st International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021*, no. January, 2021, doi: 10.1109/ICAECT49130.2021.9392608.
- [48] M. Justin Sagayaraj, V. Jithesh, and D. Roshani, “Comparative Study Between Deep Learning Techniques and Random Forest Approach for HRRP Based Radar Target Classification,” *Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021*, pp. 385–388, 2021, doi: 10.1109/ICAIS50930.2021.9395855.
- [49] Z. Ge, G. Cao, X. Li, and P. Fu, “Hyperspectral Image Classification Method Based on 2D-3D CNN and Multibranch Feature Fusion,” *IEEE J Sel Top Appl Earth Obs Remote Sens*, vol. 13, pp. 5776–5788, 2020, doi: 10.1109/JSTARS.2020.3024841.