DAFTAR PUSTAKA

[1]   Y. Hanoch, "'Neither an angel nor an ant': Emotion as an aid to bounded rationality," *J. Econ. Psychol.*, vol. 23, no. 1, pp. 1–25, 2002, doi: 10.1016/S0167-4870(01)00065-4.

[2]   A. Gifford, "Emotion and self-control," *J. Econ. Behav. Organ.*, vol. 49, pp. 113–130, 2002, doi: 10.1016/S0167-2681(02)00061-6.

[3]   M. Zeelenberg, R. M. A. Nelissen, S. M. Breugelmans, and R. Pieters, "On emotion specificity in decision making: Why feeling is for doing," *Judgm. Decis. Mak.*, vol. 3, no. 1, pp. 18–27, 2008, Accessed: May 23, 2020. [Online]. Available: http://www.academia.edu/download/50695741/On_emotion_specificity_in _decision_makin20161203-18970-1y783bi.pdf.

[4]   R. Plutchik, "The nature of emotions: Human emotions have deep evolutionary roots, a fact that may explain their complexity and provide tools for clinical practice," *Am. Sci.*, vol. 89, no. 4, pp. 344–350, 2001, doi: 10.1511/2001.4.344.

[5]   R. Ghasemi and M. Ahmady, "Facial expression recognition using facial effective areas and Fuzzy logic," in *2014 Iranian Conference on Intelligent Systems (ICIS)*, Feb. 2014, pp. 1–4, doi: 10.1109/IranianCIS.2014.6802544.

[6]   J. Ou, X. Bai, Y. Pei, L. Ma, and W. Liu, "Automatic Facial Expression Recognition Using Gabor Filter and Expression Analysis," in *2010 Second International Conference on Computer Modeling and Simulation*, Jan. 2010, vol. 2, pp. 215–218, doi: 10.1109/ICCMS.2010.45.

[7]   H. Soyel and H. Demirel, "3D facial expression recognition with geometrically localized facial features," in *2008 23rd International Symposium on Computer and Information Sciences*, Oct. 2008, pp. 1–4, doi: 10.1109/ISCIS.2008.4717898.

[8]   D. Kim, M. Sohn, H. Kim, and N. Ryu, "Geometric Feature-Based Face Normalization for Facial Expression Recognition," in *2014 2nd International Conference on Artificial Intelligence, Modelling and Simulation*, Nov. 2014, pp. 172–175, doi: 10.1109/AIMS.2014.52.

[9]   N. A. Sofyan, I. Wijayanto, S. Hadiyoso, and R. Purnamasari, "A Study of

Arousal Classification Based on EEG Signal and Support Vector Machine," *2019 Int. Conf. Inf. Commun. Technol. ICOIACT 2019*, pp. 316–321, 2019, doi: 10.1109/ICOIACT46704.2019.8938505.

[10]   H. Sanggarini, I. Wijayanto, and S. Hadiyoso, "Hjorth Descriptor as Feature Extraction for Classification of Familiarity in EEG Signal," *2019 Int. Conf. Inf. Commun. Technol. ICOIACT 2019*, pp. 306–309, 2019, doi: 10.1109/ICOIACT46704.2019.8938532.

[11]   J. Russel, "A Circumplex Model of Affect," *Personal. Soc. Psychol.*, vol. 39, no. 6, pp. 1161–1178, 1980.

[12]   S. G. Mangalagowri and P. C. P. Raj, "EEG feature extraction and classification using feed forward backpropogation algorithm for emotion detection," in *2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT)*, Dec. 2016, pp. 183–187, doi: 10.1109/ICEECCOT.2016.7955211.

[13]   M. Mohammadpour, S. M. R. Hashemi, and N. Houshmand, "Classification of EEG-based emotion for BCI applications," in *2017 Artificial Intelligence and Robotics (IRANOPEN)*, Apr. 2017, pp. 127–131, doi: 10.1109/RIOS.2017.7956455.

[14]   W. Zheng, J. Zhu, and B. Lu, "Identifying Stable Patterns over Time for Emotion Recognition from EEG," *IEEE Trans. Affect. Comput.*, vol. 10, no. 3, pp. 417–429, Jul. 2019, doi: 10.1109/TAFFC.2017.2712143.

[15]   F. M. Aldhafeeri, I. Mackenzie, T. Kay, J. Alghamdi, and V. Sluming, "Regional brain responses to pleasant and unpleasant IAPS pictures: Different networks," *Neurosci. Lett.*, vol. 512, no. 2, pp. 94–98, 2012, doi: 10.1016/j.neulet.2012.01.064.

[16]   H. A. R, B. S. Y, and M. J. C, "Modulating emotional responses: effects of a neocortical network on the limbic system," *Neuroreport*, vol. 11, no. 1, pp. 43–48, 2000, [Online]. Available: http://www.ncbi.nlm.nih.gov/pubmed/10683827.

[17]   H. Fauzi, M. I. Shapiai, S. Shah Abdullah, and Z. Ibrahim, "Automatic Energy Extraction Methods for EEG Channel Selection," in *2018 International Conference on Control, Electronics, Renewable Energy and*

Communications (ICCEREC), Dec. 2018, pp. 70–75, doi: 10.1109/ICCEREC.2018.8711995.

[18]   W. L. Zheng and B. L. Lu, "Investigating Critical Frequency Bands and Channels for EEG-Based Emotion Recognition with Deep Neural Networks," *IEEE Trans. Auton. Ment. Dev.*, vol. 7, no. 3, pp. 162–175, 2015, doi: 10.1109/TAMD.2015.2431497.

[19]   B. Graimann, B. Allison, and G. Pfurtscheller, *Brain-Computer Interfaces: Revolutionizing Human-Computer Interaction*. Berlin: Springer Berlin, 2010.

[20]   D. S. Tan and A. Nijholt, *Brain-Computer Interfaces: Applying our Minds to Human-Computer Interaction*. London: Springer London, 2010.

[21]   A. E. Hassanien and A. Azar, *Brain Computer Interfaces: Current Trends and Applications*. Singapore: Springer International Publishing, 2014.

[22]   S. Sanei and J. A. Chambers, *EEG Signal Processing*. Chichester: John Wiley & Sons, 2007.

[23]   "Brain Surface Stimulation Provides 'Touch' Feedback To Direct Movement - Covering the specialized field of orthopedic product development and manufacturing." https://www.odtmag.com/contents/view_breaking-news/2016-10-27/brain-surface-stimulation-provides-touch-feedback-to-direct-movement/ (accessed Jun. 01, 2020).

[24]   "Magnetoencephalography: what is it, symptoms, causes, prevention and treatment | Top Doctors." https://www.topdoctors.co.uk/medical-dictionary/magnetoencephalography (accessed Jun. 01, 2020).

[25]   "Introduction to FMRI — Nuffield Department of Clinical Neurosciences." https://www.ndcn.ox.ac.uk/divisions/fmrib/what-is-fmri/introduction-to-fmri (accessed Jun. 01, 2020).

[26]   C. Im, *Computational EEG Analysis and Applications. Methods and Applications*, vol. 10, no. 4. Singapore: Springer, 2018.

[27]   W. Freeman and R. Quiroga, *Imaging Brain Function With EEG*. New York: Springer, 2013.

[28]   S. Siuly, L. Yan, and Z. Yanchun, *EEG Signal Analysis and Classification*.

Melbourne: Springer International Publishing, 2016.

[29]   Y. Ma *et al.*, "Driving drowsiness detection with EEG using a modified hierarchical extreme learning machine algorithm with particle swarm optimization: A pilot study," *Electron.*, vol. 9, no. 5, 2020, doi: 10.3390/electronics9050775.

[30]   H. Fauzi, M. I. Shapiai, N. A. Setiawan, J. Jaafar, and M. Mustafa, "Channel selection for common spatial pattern Based on energy calculation of motor imagery EEG signal," in *2017 International Conference on Control, Electronics, Renewable Energy and Communications (ICCREC)*, 2017, pp. 33–39, doi: 10.1109/ICCEREC.2017.8226692.

[31]   H. Fauzi, M. I. Shapiai, S. Shah Abdullah, and Z. Ibrahim, "Automatic Energy Extraction Methods for EEG Channel Selection," *Proc. - 2018 Int. Conf. Control. Electron. Renew. Energy Commun. ICCEREC 2018*, pp. 70–75, 2018, doi: 10.1109/ICCEREC.2018.8711995.

[32]   P. Welch, "The Use of Fast Fourier Transform for the Estimation of Power Spectra: A Method Based on Time Aver aging Over Short, Modified Periodograms," *IEE Trans. Audio Electroacoust.*, vol. 15, no. 2, pp. 70–73, 1967, doi: 10.1109/TAU.1967.1161901.

[33]   S. Ding, H. Zhao, Y. Zhang, X. Xu, and R. Nie, "Extreme learning machine: algorithm, theory and applications," *Artif. Intell. Rev.*, vol. 44, no. 1, pp. 103–115, 2015, doi: 10.1007/s10462-013-9405-z.

[34]   G. Bin Huang *et al.*, "Extreme learning Machine-Theory and Applications," *Neurocomputing*, vol. 70, pp. 489–501, 2006, doi: 10.1016/j.neucom.2005.12.126.

[35]   G. Bin Huang, Q. Y. Zhu, and C. K. Siew, "Extreme learning machine: A new learning scheme of feedforward neural networks," *IEEE Int. Conf. Neural Networks - Conf. Proc.*, vol. 2, pp. 985–990, 2004, doi: 10.1109/IJCNN.2004.1380068.

[36]   M. Li and B. Lu, "Emotion classification based on gamma-band EEG," in *2009 Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 2009, pp. 1223–1226, doi: 10.1109/IEMBS.2009.5334139.

[37] W. Zheng, J. Zhu, Y. Peng, and B. Lu, "EEG-based emotion classification using deep belief networks," in *2014 IEEE International Conference on Multimedia and Expo (ICME)*, Jul. 2014, pp. 1–6, doi: 10.1109/ICME.2014.6890166.

[38] C. Qing, R. Qiao, X. Xu, and Y. Cheng, "Interpretable Emotion Recognition Using EEG Signals," *IEEE Access*, vol. 7, pp. 94160–94170, 2019, doi: 10.1109/ACCESS.2019.2928691.

[39] J. C. Britton, S. F. Taylor, K. D. Sudheimer, and I. Liberzon, "Facial expressions and complex IAPS pictures: Common and differential networks," *Neuroimage*, vol. 31, no. 2, pp. 906–919, 2006, doi: 10.1016/j.neuroimage.2005.12.050.