

DAFTAR PUSTAKA

- [1] Roberto Merletti dan Dario Farina. *Surface electromyography: physiology, engineering, and applications*. John Wiley & Sons, 2016.
- [2] Jessica Wilson. *What Is Facial EMG and How Does It Work? - iMotions*. (Accessed on 05/23/2020), December 2018.
- [3] Oliver Korn. *Designing Authentic Emotions for Non-Human Characters: A Study Evaluating Virtual Affective Behavior*. (Accessed on 05/27/2020), Juni 2017.
- [4] The Human Memory. *Neuromuscular Junction | Structure, Function, Summary & Clinical*. (Accessed on 10/13/2020).
- [5] Lyn D Weiss, Jay M Weiss dan Julie K Silver. *Easy EMG E-Book: A Guide to Performing Nerve Conduction Studies and Electromyography*. Elsevier Health Sciences, 2015.
- [6] Gordana Sendic. *Facial muscles: Anatomy, function and clinical cases | Kenhub*. (Accessed on 05/23/2020).
- [7] David M. Gamm. *Ptosis | physiology | Britannica*. (Accessed on 10/12/2020).
- [8] Amit Konar dan Aruna Chakraborty. *Emotion recognition: A pattern analysis approach*. John Wiley & Sons, 2015.
- [9] Dhruvil Karani. *Artificial Intelligence - Accelerate the Power with Neural Networks | Blog*. (Accessed on 10/12/2020), Juli 2019.
- [10] Dabiah Alboaneen, Hugo Tianfield dan Yan Zhang. Glowworm swarm optimization for training multi-layer perceptrons, 12 2017.
- [11] Rahul Kumar. *K-fold cross-validation - Machine Learning Quick Reference [Book]*. (Accessed on 08/23/2020).
- [12] Alan J Fridlund dan John T Cacioppo. "Guidelines for human electromyographic research". *Psychophysiology*, 23(5):567–589, 1986.
- [13] Rishabh Gupta, Jan-Niklas Antons, Robert Schleicher, Sebastian Möller, Tiago H Falk dkk. Objective characterization of human behavioural characteristics for qoe assessment: A pilot study on the use of electroencephalography features, 2013.
- [14] GC Smith. *Psychotherapy*. Elsevier, 2010.

- [15] Bruce E Wampold. “The basics of psychotherapy: An introduction to theory and practice (theories of psychotherapy)”. *Washington, DC: American Psychological Association*, 2010.
- [16] American Psychological Association. *Understanding psychotherapy and how it works*. (Accessed on 05/23/2020), Juli 2020.
- [17] Merriam-Webster.com Dictionary. *Emotion | Definition of Emotion by Merriam-Webster*. (Accessed on 05/23/2020).
- [18] Lin Shu, Jinyan Xie, Mingyue Yang, Ziyi Li, Zhenqi Li, Dan Liao, Xiangmin Xu dan Xinyi Yang. “A review of emotion recognition using physiological signals”. *Sensors*, 18(7):2074, 2018.
- [19] Bryn Farnsworth. *Facial Action Coding System (FACS) - A Visual Guidebook - iMotions*. (Accessed on 05/23/2020), Agustus 2019.
- [20] Bryn Farnsworth. *What Is EMG (Electromyography) and How Does It Work? - iMotions*. (Accessed on 05/23/2020), Juli 2018.
- [21] Yumiao Chen, Zhongliang Yang dan Jiangping Wang. “Eyebrow emotional expression recognition using surface emg signals”. *Neurocomputing*, 168:871–879, 2015.
- [22] Sha Liu, Baoyue Zhang, Jin Wang dan Feng Yang. “Valence of user’s emotion for product appearance based on facial electromyography”. *NeuroQuantology*, 16(5), 2018.
- [23] Harya Damar Widiputra. *Artificial Neural Network – Dosen Perbanas*. (Accessed on 05/23/2020), Oktober 2016.
- [24] Kathryn Tierney Lindsey, Kelly J Rohan, Kathryn A Roecklein dan Jennifer N Mahon. “Surface facial electromyography, skin conductance, and self-reported emotional responses to light-and season-relevant stimuli in seasonal affective disorder”. *Journal of affective disorders*, 133(1-2):311–319, 2011.
- [25] Vikram Kehri, Rahul Ingle, Sangram Patil dan RN Awale. “Analysis of facial emg signal for emotion recognition using wavelet packet transform and svm”. hal. 7.
- [26] Lou Benedict P Ang, Erwin F Belen, Ramon A Bernardo, Eleazar R Boongaling, Grace H Briones dan Jonathan B Coronel. *Facial expression recognition through pattern analysis of facial muscle movements utilizing electromyogram sensors*, 2004.

- [27] Jonathan Posner, James A Russell dan Bradley S Peterson. “The circumplex model of affect: An integrative approach to affective neuroscience, cognitive development, and psychopathology”. *Development and psychopathology*, 17(3):715–734, 2005.
- [28] Boundless. *Muscular Tissue* | *Boundless Anatomy and Physiology*. (Accessed on 05/23/2020).
- [29] Rubana H Chowdhury, Mamun BI Reaz, Mohd Alauddin Bin Mohd Ali, Ashrif AA Bakar, Kalaivani Chellappan dan Tae G Chang. “Surface electromyography signal processing and classification techniques”. *Sensors*, 13(9):12431–12466, 2013.
- [30] Edward A Clancy, Evelyn L Morin dan Roberto Merletti. “Sampling, noise-reduction and amplitude estimation issues in surface electromyography”. *Journal of electromyography and kinesiology*, 12(1):1–16, 2002.
- [31] Silvia Conforto, Tommaso D’Alessio dan Stefano Pignatelli. “Optimal rejection of movement artefacts from myoelectric signals by means of a wavelet filtering procedure”. *Journal of Electromyography and Kinesiology*, 9(1):47–57, 1999.
- [32] L Mesin, R Merletti dan Alberto Rainoldi. “Surface emg: the issue of electrode location”. *Journal of Electromyography and Kinesiology*, 19(5):719–726, 2009.
- [33] Mamun Bin Ibne Reaz, M Sazzad Hussain dan Faisal Mohd-Yasin. “Techniques of emg signal analysis: detection, processing, classification and applications”. *Biological procedures online*, 8(1):11–35, 2006.
- [34] Mojtaba Malboubi, Farbod Razzazi dan Sh Mahdi Aliyari. Elimination of power line noise from emg signals using an efficient adaptive laguerre filter, 2010.
- [35] Monica A Hemingway, Heinz-J Biedermann dan James Inglis. “Electromyographic recordings of paraspinal muscles: variations related to subcutaneous tissue thickness”. *Biofeedback and Self-regulation*, 20(1):39–49, 1995.
- [36] Dario Farina dan Alberto Rainoldi. “Compensation of the effect of subcutaneous tissue layers on surface emg: a simulation study”. *Medical engineering & physics*, 21(6-7):487–497, 1999.
- [37] G Piervirgili, F Petracca dan R Merletti. “A new method to assess skin treatments for lowering the impedance and noise of individual gelled ag–agcl electrodes”. *Physiological measurement*, 35(10):2101, 2014.
- [38] Roberto Iriondo. *What is Machine Learning?*. (Accessed on 10/14/2020).
- [39] Chris Nicholson. *A Beginner’s Guide to Multilayer Perceptrons (MLP)* | *Pathmind*. (Accessed on 08/16/2020).

- [40] Jason Brownlee. *A Gentle Introduction to k-fold Cross-Validation*. (Accessed on 08/16/2020), May 2018.