

DAFTAR PUSTAKA

- [1] R. dan P. S. Lisinus, *Pembinaan Anak Berkebutuhan Khusus (Sebuah Perspektif Bimbingan dan Konseling)*, Pertama. Medan: Yayasan Kita Menulis, 2020.
- [2] N. Pangestu and A. I. Fibriana, "Faktor Risiko Kejadian Autisme," *Higeia*, vol. 1, no. 2, pp. 141–150, 2017.
- [3] "Autisme," *KBBI*. <https://kbbi.kemdikbud.go.id/entri/autisme> (accessed Feb. 07, 2021).
- [4] Z. Khairi and A. Ahmad Sopandi, "Upaya Keluarga Dalam Menangani Perilaku Temper Tantrum Pada Anak," *Ranah Res. J. Multidisciplinary Res. Dev.*, vol. 2, pp. 111–116, 2018.
- [5] "Tantrum," *KBBI*. <https://kbbi.kemdikbud.go.id/entri/tantrum> (accessed Feb. 10, 2021).
- [6] D. Anjani, M. Fadhila, and W. Primasari, "Strategi Komunikasi Pendidik Dalam Menghadapi Temper Tantrum Anak Berkebutuhan Khusus," *Makna J. Kaji. Komunikasi, Bahasa, dan Budaya*, vol. 5, no. 2, pp. 1–16, 2019.
- [7] A. Beauchamp-Châtel, V. Courchesne, B. Forgeot d'Arc, and L. Mottron, "Are tantrums in autism distinct from those of other childhood conditions? A comparative prevalence and naturalistic study," *Res. Autism Spectr. Disord.*, vol. 62, no. August 2018, pp. 66–74, 2019, doi: 10.1016/j.rasd.2019.03.003.
- [8] M. Penanda and F. M. Terparameter, "SISTEM PENANGKAPAN GERAK MANUSIA BERBASIS BEBAS-MODEL," pp. 1–9, 2002.
- [9] "Pose Estimation," *TensorFlow*, 2020.
https://www.tensorflow.org/lite/models/pose_estimation/overview?hl=en.
- [10] K. Vyas *et al.*, "Recognition of Atypical Behavior in Autism Diagnosis

- from Video Using Pose Estimation over Time,” *IEEE Int. Work. Mach. Learn. Signal Process. MLSP*, vol. 2019-Octob, no. 1, pp. 1–6, 2019, doi: 10.1109/MLSP.2019.8918863.
- [11] N. K. Sungheon Park, Jihye Hwang, “3D Human Pose Estimation Using Convolutional Neural Networks with 2D Pose Information,” 2016.
- [12] A. Toshev and C. Szegedy, “DeepPose : Human Pose Estimation via Deep Neural Networks,” *2014 IEEE Conf. Comput. Vis. Pattern Recognit.*, pp. 1653–1660, 2014.
- [13] J. Matson, “Aggression and tantrums in children with autism: A review of behavioral treatments and maintaining variables,” *J. Ment. Health Res. Intellect. Disabil.*, vol. 2, no. 3, pp. 169–187, 2009, doi: 10.1080/19315860902725875.
- [14] F. Firdaus and W. H. Santy, “Analisis Faktor Penyebab Perilaku Tantrum Pada Anak Autis,” *Med. Technol. Public Heal. J.*, vol. 4, no. 1, pp. 55–60, 2020, doi: 10.33086/mtphj.v4i1.1409.
- [15] N. Zheng and Z. Gong, “Automatic analysis of segmentwise lo- comotion details of Drosophila larva SALSA : A Multimodal Dataset for the Automated Analysis of Free-Standing Social Interactions,” 2020.
- [16] M. Rovai, “Realtime Multiple Person 2D Pose Estimation using TensorFlow2.x,” *Towards Data Science*, 2020.
<https://towardsdatascience.com/realtime-multiple-person-2d-pose-estimation-using-tensorflow2-x-93e4c156d45f>.
- [17] N. Krupa, K. Anantharam, M. Sanker, S. Datta, and J. V. Sagar, “Recognition of emotions in autistic children using physiological signals,” *Health Technol. (Berl.)*, vol. 6, no. 2, pp. 137–147, 2016, doi: 10.1007/s12553-016-0129-3.
- [18] L. Arief, A. Z. Tantowi, N. P. Novani, and T. A. Sundara, “Implementation of YOLO and smoke sensor for automating public service announcement of

- cigarette's hazard in public facilities,” *2020 Int. Conf. Inf. Technol. Syst. Innov. ICITSI 2020 - Proc.*, pp. 101–107, 2020, doi: 10.1109/ICITSI50517.2020.9264972.
- [19] A. Voulodimos, N. Doulamis, A. Doulamis, and E. Protopapadakis, “Deep Learning for Computer Vision: A Brief Review,” *Comput. Intell. Neurosci.*, vol. 2018, 2018, doi: 10.1155/2018/7068349.
- [20] W. Samek, A. Binder, G. Montavon, S. Lapuschkin, and K. R. Müller, “Evaluating the visualization of what a deep neural network has learned,” *IEEE Trans. Neural Networks Learn. Syst.*, vol. 28, no. 11, pp. 2660–2673, 2017, doi: 10.1109/TNNLS.2016.2599820.
- [21] S. LABS, “Understanding Deep Learning: DNN, RNN, LSTM, CNN and R-CNN,” *medium.com*, 2019.
<https://medium.com/@sprhlabs/understanding-deep-learning-dnn-rnn-lstm-cnn-and-r-cnn-6602ed94dbff>.
- [22] C. Szegedy, A. Toshev, and D. Erhan, “Deep Neural Networks for Object Detection,” pp. 1–9, doi: 10.3928/19404921-20140820-01.
- [23] D. Desprijon, R. E. Putri, and N. P. Novani, “Rancang Bangun Sistem Deteksi Kecepatan Kendaraan di Wilayah Zona Selamat Sekolah (ZoSS) Berbasis Mini PC,” *J. Inf. Technol. Comput. Eng.*, vol. 01, pp. 41–51, 2021.
- [24] Richard Szeliski, *Computer Vision : Algorithms and Application*. London: Springer, 2011.
- [25] H. Kopetz, *Real Time Systems : Design Principles for Distributed Embedded Applications*, Kedua. London, 2011.
- [26] R. Kurniawan, I. Setiawan, and Sumardi, “Multitasking Pada Mikrokontroler Atmega16 Menggunakan Real Time Operating System (Rtos) Jenis Cooperative,” *Makal. Semin. Tugas Akhir*, 2010.
- [27] A. A. Suzen, B. Duman, and B. Sen, “Benchmark Analysis of Jetson TX2, Jetson Nano and Raspberry PI using Deep-CNN,” *HORA 2020 - 2nd Int.*

Congr. Human-Computer Interact. Optim. Robot. Appl. Proc., pp. 3–7, 2020, doi: 10.1109/HORA49412.2020.9152915.

- [28] “Jetson Nano Developer Kit,” *NVIDIA DEVELOPER*.
<https://developer.nvidia.com/embedded/jetson-nano-developer-kit>
(accessed Feb. 25, 2021).
- [29] M. Pagnutti *et al.*, “Laying the foundation to use Raspberry Pi 3 V2 camera module imagery for scientific and engineering purposes,” *J. Electron. Imaging*, vol. 26, no. 1, p. 013014, 2017, doi: 10.1117/1.jei.26.1.013014.
- [30] H. Soeroso, A. Z. Arfianto, and N. E. Mayangsari, “Penggunaan Bot Telegram Sebagai Announcement System pada Intansi Pendidikan.,” *Semin. MASTER 2017 PPNS*, vol. 1509, no. November, pp. 45–48, 2017.
- [31] I. M. Hazri, M. Sahrim, W. Z. Wan Ismail, I. Ismail, S. A. Rahman, and F. S. Hussin, “Automated Motion Detection Security System Notifier using Raspberry Pi with Telegram,” *2020 IEEE Symp. Ind. Electron. Appl. ISIEA 2020*, 2020, doi: 10.1109/ISIEA49364.2020.9188111.
- [32] D. S. S. Mahesh, T. M. Reddy, A. S. Yaswanth, C. Joshitha, and S. S. Reddy, “Facial Detection and Recognition System on Raspberry pi with Enhanced Security,” *Int. Conf. Emerg. Trends Inf. Technol. Eng. ic-ETITE 2020*, pp. 1–5, 2020, doi: 10.1109/ic-ETITE47903.2020.130.
- [33] M. S. Anggreany, “Confusion Matrix,” *Binus University*, 2020.
<https://socs.binus.ac.id/2020/11/01/confusion-matrix/> (accessed Nov. 13, 2021).
- [34] A. K. Santra and C. J. Christy, “Genetic Algorithm and Confusion Matrix for Document Clustering,” *Int. J. Comput. Sci. Issues*, vol. 9, no. 1, pp. 322–328, 2012.
- [35] M. A. Hadi, R. Ferdian, and L. Arief, “Klasifikasi Tingkat Ancaman Kriminalitas Bersenjata Menggunakan Metode You Only Look Once (YOLO),” *J. Comput. Hardware, Signal Process. Embed. Syst. Netw.*, vol.

02, pp. 33–40, 2021.

- [36] F. Chen, “Real-time Action Recognition Based on Human Skeleton in Video,” pp. 1–11, 2019.

