

DAFTAR PUSTAKA

- Gaviria, J. F., Escalante-Perez, A., Castiblanco, J. C., Vergara, N., Parra-Garces, V., Serrano, J. D., Zambrano, A. F., & Giraldo, L. F. (2020). Deep Learning-Based Portable Device for Audio Distress Signal Recognition in Urban Areas. *Applied Sciences*, 10(21), 7448. DOI: 10.3390/app10217448.
- Hilal, A. R., Sayedelahl, A., Tabibiazar, A., Kamel, M. S., & Basir, O. A. (2018). A distributed sensor management for large-scale IoT indoor acoustic surveillance. *Future Generation Computer Systems*, 86, 1170-1184. DOI: 10.1016/j.future.2018.01.020.
- Johari, N., Mamat, M., & Chekima, A. (2021). Performance of Machine Learning Classifiers in Distress Keywords Recognition for Audio Surveillance Applications. In 2021 IEEE International Conference on Artificial Intelligence in Engineering and Technology (IICAIET) (pp. 1-5). DOI: 10.1109/IICAIET51634.2021.9573852.
- Nazir, S., Awais, M., Malik, S., & Nazir, F. (2018). A Review on Scream Classification for Situation Understanding. *International Journal of Advanced Computer Science and Applications (IJACSA)*, 9(8). DOI: 10.14569/IJACSA.2018.090809.
- Huang, W., Chiew, T. K., Li, H., Kok, T. S., & Biswas, J. (2010). Scream detection for home applications. In *2010 5th IEEE Conference on Industrial Electronics and Applications* (pp. 2115-2120). Taichung, Taiwan. DOI: 10.1109/ICIEA.2010.5515397.
- Sharma, A., & Kaul, S. (2016). Two-Stage Supervised Learning-Based Method to Detect Screams and Cries in Urban Environments. *IEEE/ACM Transactions on Audio, Speech, and Language Processing*, 24*(2), 290-299. DOI: 10.1109/TASLP.2015.2506264.
- Nandwana, M. K., Ziaei, A., & Hansen, J. H. L. (2015). Robust unsupervised detection of human screams in noisy acoustic environments. In *2015 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)* (pp. 161-165). South Brisbane, QLD, Australia. DOI: 10.1109/ICASSP.2015.7177952.
- Laffitte, P., Sodoyer, D., Tatkeu, C., & Girin, L. (2016). Deep neural networks for automatic detection of screams and shouted speech in subway trains. In 2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP) (pp. 6460-6464). DOI: 10.1109/ICASSP.2016.7472921.
- Chung, S., & Chung, Y. (2017). Scream sound detection based on SVM and GMM. In 7th BANGKOK International Conference on "Recent Trends in

- Engineering and Technology” (RTET-17)*, May 3-4, 2017, Bangkok, Thailand. DOI: 10.17758/EAP.AE0517126.
- Laffitte, P., Wang, Y., Sodoyer, D., & Girin, L. (2019). Assessing the performances of different neural network architectures for the detection of screams and shouts in public transportation. *Expert Systems with Applications*, 117, 29-41. ISSN 0957-4174. DOI: 10.1016/j.eswa.2018.08.052.
- O'Donovan, R., Sezgin, E., Bambach, S., Butter, E., & Lin, S. (2020). Detecting Screams From Home Audio Recordings to Identify Tantrums: Exploratory Study Using Transfer Machine Learning. **JMIR Form Res*, 4*(6), e18279. DOI: 10.2196/18279. PMID: 32459656; PMCID: PMC7327591. Erratum in: *JMIR Form Res*. 2020 Jul 8;4(7):e21591.
- Shankhdhar, A., Rachit, Kumar, V., & Mathur, Y. (2021). Human Scream Detection Through Three-Stage Supervised Learning and Deep Learning. in *Inventive Systems and Control* (hal. 204). Springer, https://doi.org/10.1007/978-981-16-1395-1_28
- Mohanty, R. K. (2011). David Lyon, Surveillance Studies: An Overview, Polity: Cambridge, 2007; 256 pp. *International Sociology*, 284-284. DOI: 10.1177/02685809110260022003.
- Ariza, J. Á., & Baez, H. (2022). Understanding the role of single-board computers in engineering and computer science education: A systematic literature review. *Comput Appl Eng Educ*, 30, 304–329. DOI: 10.1002/cae.22439.
- Mittal, S. (2019). A Survey on optimized implementation of deep learning models on the NVIDIA Jetson platform. In *Journal of Systems Architecture* (Vol. 97, pp. 428–442). Elsevier B.V. <https://doi.org/10.1016/j.sysarc.2019.01.011>
- Süzen, A. A., Duman, B., & Şen, B. (2020). Benchmark Analysis of Jetson TX2, Jetson Nano and Raspberry PI using Deep-CNN. In **2020 International Congress on Human-Computer Interaction, Optimization and Robotic Applications* (pp. 1-5). Ankara, Turkey. DOI: 10.1109/HORA49412.2020.9152915.
- Kurniasih, N. P. (2016). Perancangan Sistem Akuisisi Data Berbasis Arduino Untuk Pengenalan Ciri Sinyal Suara Paru dan Jantung (Doctoral dissertation, UNIVERSITAS AIRLANGGA).
- Tzanetakis, G., & Cook, P. (2002). Musical genre classification of audio signals. *IEEE Transactions on Speech and Audio Processing*, 10*(5), 293-302. DOI: 10.1109/TSA.2002.800560.
- Girsang, A. S. (2020). Ekstraksi Fitur untuk Klasifikasi Genre Musik. Diakses pada 14 November 2023, dari <https://mti.binus.ac.id/2020/11/16/ekstraksi-fitur-untuk-klasifikasi-genre-musik/>

- Giannakopoulos, T., & Pkrakis, A. (2014). *Introduction to Audio Analysis: A MATLAB Approach. Introduction to Audio Analysis: A MATLAB Approach*. <http://doi.org/10.1016/C2012-0-03524-7>
- Jia, Y. S., Jia, C. Y., & Qi, H. W. (2005). A new nu-support vector machine for training sets with duplicate samples. 2005 International Conference on Machine Learning and Cybernetics, ICMLC 2005, 4370–4373. <https://doi.org/10.1109/icmlc.2005.1527707>
- Ji, G. R., Han, P., & Zhai, Y. J. (2007). Machine Learning and Cybernetics, 2007 International Conference on. IEEE Xplore
- Gehu, L. M., Uttarakhand, B., Pant Gehu, J., Suyal MIET Haldwani, P., & Kumar, A. (2020). Computational Intelligence and Communication Networks Support Vector Machine Accuracy Improvement with Classification. *12th International Conference on Computational Intelligence and Communication Networks (CICN)*. DOI: 10.1109/CICN.2020.85
- Giannakopoulos, T., & Pkrakis, A. (2014). *Introduction to audio analysis: a MATLAB® approach*. Academic Press.
- Prasetio, B. H., Yusuf, D. O., Syaury, D., & Chilmi, S. (2024, July). Spectral Gating for Noise Reduction in Speech Stress Recognition System. In *2024 IEEE International Conference on Industry 4.0, Artificial Intelligence, and Communications Technology (IAICT)* (pp. 149-155). IEEE.
- Yuwono, E. I., & Antonio, T. (2015). Studi Format Audio dan Teks Untuk Modul Speech to Text. *Jurnal Informatika dan Sistem Informasi*, 1(1), 11-20.
- Nema, B. M., & Abdul-Kareem, A. A. (2018). Preprocessing signal for speech emotion recognition. *Al-Mustansiriyah Journal of Science*, 28(3), 157-165.