

DAFTAR PUSTAKA

- [1] Z. Z. Azkiya, F. Indriani, and H. K. Chandra, "Deteksi Penyakit Dengue Hemorrhagic Fever dengan Pendekatan *One class* Classification," *Journal of Information Systems Engineering and Business Intelligence*, vol. 3, no. 2, p. 129, Oct. 2017, doi: 10.20473/jisebi.3.2.129-133.
- [2] Andri Prima Nugroho, "Tim Smart Agriculture UGM dengan Sistem Monitoring Bioakustik Menjuarai Agritech Exhibition 2020", <https://smart-farming.tp.ugm.ac.id/2020/07/07/tim-smart-agriculture-ugm-dengan-sistem-monitoring-bioakustik-menjuarai-agritech-exhibition-2020>. [Accesed : 16-03-2022]
- [3] Neni Herlina, "Ilmu Pengelolaan Hama dan Penyakit Tanaman IPB University Jadi Trendsetter di Indonesia", <http://www.dikti.kemdikbud.go.id/kabar-dikti/kampus-kita/ilmupengelolaan-hama-dan-penyakit-tanaman-ipb-university-jadi-trendsetter-di-indonesia>. [Accesed : 16-03-2022]
- [4] A. Muñoz and J. M. Moguerza, "One-Class Support Vector Machines and Density Estimation: The Precise Relation," *Lecture Notes in Computer Science*, pp. 216–223, 2004.
- [5] Ana Khoiriyah, "Realita Penggunaan Pestisida di Tingkat Petani", <https://protan.faperta.unej.ac.id/realita-penggunaan-pestisida-di-tingkat-petani/>. [Accesed : 16-03-2022]
- [6] Dinas pertanian dan pangan kabuapten Demak, "PENGELOLAAN HAMA PENYAKIT PADI SAWAH", <https://dinpertanpangan.demakkab.go.id/?p=2747>. [Accesed : 16-03-2022]
- [7] M. P. McLoughlin, R. Stewart, and A. G. McElligott, "Automated bioacoustics: methods in ecology and conservation and their potential for animal welfare monitoring," *Journal of The Royal Society Interface*, vol. 16, no. 155, p. 20190225, Jun. 2019.
- [8] J. J. Noda, C. M. Travieso-González, D. Sánchez-Rodríguez, and J. B. Alonso-Hernández, "Acoustic Classification of Singing Insects Based on MFCC/LFCC Fusion," *Applied Sciences*, vol. 9, no. 19, p. 4097, Oct. 2019.
- [9] D. Stowell and M. D. Plumbley, "Automatic large-scale classification of bird sounds is strongly improved by unsupervised feature learning," *PeerJ*, vol. 2, p. e488, Jul. 2014.
- [10] Subodh Virkar, Archana Kadam, Nikhil Raut, and Shohaib Mallick, Satyam Tilekar, "Proposed Model of Speech Recognition using MFCC and DNN," *International Journal of Engineering Research and*, vol. V9, no. 05, May 2020.



- [11] Larry M. Manevitz and Malik Yousef. 2002. *One-class svms for document classification. J. Mach. Learn. Res. 2 (3/1/2002).*
- [12] G. Cohen, M. Hilario, and C. Pellegrini, "One-Class Support Vector Machines with a Conformal Kernel. A Case Study in Handling Class Imbalance," *Lecture Notes in Computer Science*, pp. 850–858, 2004.
- [13] C.-H. Lee, C.-H. Chou, C.-C. Han, and R.-Z. Huang, "Automatic recognition of animal vocalizations using averaged MFCC and linear discriminant analysis," *Pattern Recognition Letters*, vol. 27, no. 2, pp. 93–101, Jan. 2006.
- [14] Cicadas mania, "how do cicadas make sounds/ noise", <https://www.cicadamania.com/cicadas/how-do-cicadas-make-sounds-noise/>. [Accessed : 11-06-2022]
- [15] A. Rabaoui, H. Kadri, Z. Lachiri, and N. Ellouze, "One-Class SVMs Challenges in Audio Detection and Classification Applications," *EURASIP Journal on Advances in Signal Processing*, vol. 2008, no. 1, May 2008.
- [16] X. Zhou, D. Garcia-Romero, R. Duraiswami, C. Espy-Wilson, and S. Shamma, "Linear versus mel frequency cepstral coefficients for speaker recognition," *2011 IEEE Workshop on Automatic Speech Recognition & Understanding*, Dec. 2011.
- [17] D. Eringis and G. Tamulevičius, "Improving Speech Recognition Rate through Analysis Parameters," *Electrical, Control and Communication Engineering*, vol. 5, no. 1, pp. 61–66, May 2014.
- [18] J. J. Noda, C. M. Travieso, D. Sánchez-Rodríguez, M. K. Dutta and A. Singh, "Using bioacoustic signals and Support Vector Machine for automatic classification of insects," *2016 3rd International Conference on Signal Processing and Integrated Networks (SPIN)*, 2016.
- [19] J. Noda, C. Travieso, and D. Sánchez-Rodríguez, "Fusion of Linear and Mel Frequency Cepstral Coefficients for Automatic Classification of Reptiles," *Applied Sciences*, vol. 7, no. 2, p. 178, Feb. 2017.
- [20] O. Lowna Baroi, Md. S. Abrar Kabir, A. Niaz, Md. Jahidul Islam, and Md. Jakaria Rahimi, "Effects of Filter Numbers and Sampling Frequencies on the Performance of MFCC and PLP based Bangla Isolated Word Recognition System," *International Journal of Image, Graphics and Signal Processing*, vol. 11, no. 11, pp. 36–42, Nov. 2019.
- [21] A. Rabaoui, M. Davy, S. Rossignol, Z. Lachiri and N. Ellouze, "Improved One-class SVM Classifier for Sounds Classification," *2007 IEEE Conference on Advanced Video and Signal Based Surveillance*, pp. 117-122, 2007.
- [22] K. I. Hanif, S. Herlinda, S. Suwandi, and T. Karenina, "Efikasi Bioinsektisida *Bacillus thuringiensis* Barliner terhadap *Gryllus bimaculatus* De Geer (Orthoptera: Gryllidae) pada Tanaman Padi Utama dan Ratus," *Jurnal Lahan Suboptimal : Journal of Suboptimal Lands*, vol. 6, no. 1, pp. 95–105, 2017.



- [23] Hvfarmscape, "Insect Songs and Sound Maps", <https://hvfarmscape.org/blog/insect-songs-and-sound-maps>. [Accessed :16-03-2022]
- [24] Hobinatang, "Jangkrik Jaliteng: Klasifikasi Ciri Ciri Gambar dan Suaranya mp3", <https://www.hobinatang.com/2018/12/jangkrik-jaliteng-klasifikasi-ciri-ciri.html>. [Accessed :16-03-2022]
- [25] K.S. Rao and Manjunath K.E., Speech Recognition Using Articulatory and Excitation Source Features, SpringerBriefs in Speech Technology, 2017.
- [26] Haytam fayek, speech processing for machine learning : filter banks, Mel-Frequency Cepstral Coefficients (MFCCs) and What's in - Between", <https://haythamfayek.com/2016/04/21/speech-processing-for-machine-learning.html>. [Accessed : 11-06-2022]
- [27] R. Klabunde, "Daniel Jurafsky/James H. Martin, Speech and Language Processing," *Zeitschrift für Sprachwissenschaft*, vol. 21, no. 1, Jan. 2002.
- [28] H. Jeon, Y. Jung, S. Lee, and Y. Jung, "Area-Efficient Short-Time Fourier Transform Processor for Time-Frequency Analysis of Non-Stationary Signals," *Applied Sciences*, vol. 10, no. 20, p. 7208, Oct. 2020.
- [29] L. Grama and C. Rusu, "Choosing an accurate number of mel frequency cepstral coefficients for audio classification purpose," *Proceedings of the 10th International Symposium on Image and Signal Processing and Analysis*, 2017.
- [30] Y. Guerbai, Y. Chibani and N. Abbas, "One-class versus bi-class SVM classifier for off-line signature verification," 2012 International Conference on Multimedia Computing and Systems, 2012.
- [31] H. Y. Tan, Z. Y. Goh, K.-H. Loh, A. Y.-H. Then, H. Omar, and S.-W. Chang, "Cephalopod species identification using integrated analysis of machine learning and deep learning approaches," *PeerJ*, vol. 9, p. e11825, Aug. 2021.
- [32] D. de Benito-Gorron, A. Lozano-Diez, D. T. Toledano, and J. Gonzalez-Rodriguez, "Exploring convolutional, recurrent, and hybrid deep neural networks for speech and music detection in a large audio dataset," *EURASIP Journal on Audio, Speech, and Music Processing*, vol. 2019, no. 1, Jun. 2019.
- [33] brisbaneinsects.com, "Common Mole cricket and calling songs -gryllotalpa pluviaslis" , https://www.brisbaneinsects.com/brisbane_cricket/MoleCricket.html. [Accessed : 11-06-2022]
- [34] Pothuganti, Swathi, "Review on over-fitting and under-fitting problems in Machine Learning and solutions", *International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering*. 7. 3692-3695, 2018.
- [35] P. Taylor, *Text-to-Speech Synthesis*. Cambridge: Cambridge University Press, 2009.



- [36] Kenneth Leung, "Micro, Macro & Weighted Averages of F1 Score, Clearly Explained", <https://towardsdatascience.com/micro-macro-weighted-averages-of-f1-score-clearly-explained-b603420b292f>. [Accessed : 11-06-2022].

