

## DAFTAR PUSTAKA

- Adi, F. R. (2017). Identifikasi Keausan Bantalan Tirus (Tapered Bearing) Berbasis Analisis Vibrasi dengan Metode Support Vector Machine (SVM). *Jurnal Teknik ITS*, 6(2). <https://doi.org/10.12962/j23373539.v6i2.27527>
- Ahmed, H., & Nandi, A. K. (2020). *Condition Monitoring with Vibration Signals* (First). IEE PRESS.
- Alla, S., & Adari, S. K. (2019). Beginning Anomaly Detection Using Python-Based Deep Learning. In *Beginning Anomaly Detection Using Python-Based Deep Learning*. <https://doi.org/10.1007/978-1-4842-5177-5>
- Batista, G. E. A. P. A., Prati, R. C., & Monard, M. C. (2004). A Study of the Behavior of Several Methods for Balancing Machine Learning Training Data. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 6(1), 20–29. [https://doi.org/10.1007/978-3-319-45378-1\\_4](https://doi.org/10.1007/978-3-319-45378-1_4)
- Campbell, C., & Yiming, Y. (2011). *Learning with Support Vector Machines (Synthesis Lectures on Artificial Intelligence and Machine Learning)*.
- Chuang, W. Y., Tsai, Y. L., & Wang, L. H. (2019). Leak detection in water distribution pipes based on CNN with mel frequency cepstral coefficients. *PervasiveHealth: Pervasive Computing Technologies for Healthcare, Part F148152*, 83–86. <https://doi.org/10.1145/3319921.3319926>
- Delgado-Arredondo, P. A., Morinigo-Sotelo, D., Osornio-Rios, R. A., Avina-Cervantes, J. G., Rostro-Gonzalez, H., & Romero-Troncoso, R. de J. (2017). Methodology for fault detection in induction motors via sound and vibration signals. *Mechanical Systems and Signal Processing*, 83, 568–589. <https://doi.org/10.1016/j.ymsp.2016.06.032>
- Dzilfadhilah, A. A. (2021). Klasifikasi Kerusakan Mesin Pompa Dengan Metode Support Vector Machine (SVM). *UISI*, 6.

- Fathurrohman, M., Lambang G. H, R. L., & Susilo, D. D. (2019). Diagnosa Kerusakan Bantalan Bola Menggunakan Metode Support Vector Machine. *Mekanika: Majalah Ilmiah Mekanika*, 18(1), 14–21. <https://doi.org/10.20961/mekanika.v18i1.35041>
- Girdhar, P., & Moniz, O. (2005). *Practical Centrifugal Pumps Design, Operation and Maintenance*.
- Hariady, S. (2014). Analisa Kerusakan Pompa Sentrifugal 53-101C Wtu Sungai Gerong Pt. Pertamina Ru Iii Plaju. *Jurnal Desiminasi Teknologi*, 2(1), 29–42.
- Kamiel, B. P., Prastomo, N., & Riyanta, B. (2019). Ekstraksi Parameter Principal Component. *Rekayasa Mesin*, 10(2), 165–176.
- Kamiel, B. P., Wiranto, A. J., Riyanta, B., & Yulianto, S. (2019a). Klasifikasi Cacat Lintasan Dalam Bantalan Bola Berbasis Support Vector Machine (SVM) pada Fan Industri. *Semesta Teknika*, 22(2), 143–152. <https://doi.org/10.18196/st.222246>
- Kamiel, B. P., Wiranto, A. J., Riyanta, B., & Yulianto, S. (2019b). Klasifikasi Cacat Lintasan Dalam Bantalan Bola Berbasis Support Vector Machine (SVM) pada Fan Industri. *Semesta Teknika*, 22(2). <https://doi.org/10.18196/st.222246>
- Kurniawan, A. W. (2016). Metode Penelitian Kuantitatif. In *Philosophy of Science* (Cetakan Pe, Vol. 4, Issue 4). Pandiva Buku.
- Kusuma, D. T. (2020). Fast Fourier Transform (FFT) Dalam Transformasi Sinyal Frekuensi Suara Sebagai Upaya Perolehan Average Energy (AE) Musik. *Petir*, 14(1), 28–35. <https://doi.org/10.33322/petir.v14i1.1022>
- Meirista, E. (2015). Aplikasi Metode Support Vector Machine ( Svm ) Untuk Klasifikasi Tanaman Berdaun Menjari Dan Gulma the Application of Support Vector Machine ( Svm ) Method for Classify Leaves Finger Plants and Weeds. *Institut Teknologi Sepuluh Nopember (ITS)*.

- Mohri, M., Rostamizadeh, A., & Talwalkar, A. (2018). *Foundations of Machine Learning* (Second). The MIT Press.
- Musyafa, A. A., & Siregar, I. H. (2015). Pengaruh Jumlah Sudu Sentrifugal Impeller Terhadap Kapasitas Dan Efisiensi Pompa Sentrifugal. *Teknik Mesin, Universitas Negeri Surabaya, 03*, 136–144.
- Nasir, A. F. Ab., Ibrahim, A. N., & Ishak, I. (2020). *Lecture Notes in Electrical Engineering 730 Recent Trends in Mechatronics Towards Industry*. Springer.
- Nelwamondo, F. v, Marwala, T., & Mahola, U. (2006). Information and Control ICIC International c °2006 ISSN. In *International Journal of Innovative Computing* (Vol. 2, Issue 6).
- Paluszek, M., & Thomas, S. (2017). MATLAB Machine Learning. In *MATLAB Machine Learning*. Apress. <https://doi.org/10.1007/978-1-4842-2250-8>
- Paluszek, M., & Thomas, S. (2020). MATLAB Machine Learning Toolboxes. In *Practical MATLAB Deep Learning*. Apress, Berkeley, CA. [https://doi.org/10.1007/978-1-4842-5124-9\\_2](https://doi.org/10.1007/978-1-4842-5124-9_2)
- Pham, M. T., Kim, J. M., & Kim, C. H. (2020). Intelligent fault diagnosis method using acoustic emission signals for bearings under complex working conditions. *Applied Sciences (Switzerland)*, *10*(20), 1–14. <https://doi.org/10.3390/app10207068>
- Pradeep, N., Kautish, S., & Peng, S.-L. (2021). *Demystifying Big Data, Machine Learning, and Deep Learning for Healthcare Analytics*. ACADEMIC PRESS.
- Purohit, H., Tanabe, R., Ichige, T., Endo, T., Nikaido, Y., Suefusa, K., & Kawaguchi, Y. (2019). MIMII Dataset: Sound Dataset for Malfunctioning Industrial Machine Investigation and Inspection. 209–213. <https://doi.org/10.33682/m76f-d618>
- Puspitasari, D., Anindita, G., & Setiawan, E. (2016). Analisis Getaran Struktur Mekanik pada Mesin Berputar untuk Memprediksi Kerusakan Akibat Kondisi

- Unbalance Sistem Poros Rotor. *Seminar Nasional Maritim, Sains, Dan Teknologi Terapan*, 01(November), 1–6.
- Sukendi, Isranuri, I., & Suherman. (2015). *Widya Teknika*, 23, 41–49.
- Tagawa, Y., Maskeliūnas, R., & Damaševičius, R. (2021). Acoustic anomaly detection of mechanical failures in noisy real-life factory environments. *Electronics (Switzerland)*, 10(19). <https://doi.org/10.3390/electronics10192329>
- Tanabe, R., Purohit, H., Dohi, K., Endo, T., Nikaido, Y., Nakamura, T., & Kawaguchi, Y. (2021). *MIMII DUE: Sound Dataset for Malfunctioning Industrial Machine Investigation and Inspection with Domain Shifts due to Changes in Operational and Environmental Conditions*.
- Toma, R. N., Prosvirin, A. E., & Kim, J. M. (2020). Bearing fault diagnosis of induction motors using a genetic algorithm and machine learning classifiers. *Sensors (Switzerland)*, 20(7). <https://doi.org/10.3390/s20071884>
- Triyanto, A. Y., & Kusumaningrum, R. (2017). Implementasi Teknik Sampling untuk Mengatasi Imbalanced Data pada Penentuan Status Gizi Balita dengan Menggunakan Learning Vector Quantization. *JURNAL IPTEKKOM: Jurnal Ilmu Pengetahuan & Teknologi Informasi*, 19(1), 39. <https://doi.org/10.33164/iptekkom.19.1.2017.39-50>
- Vluymans, S. (2019). *Studies in Computational Intelligence 807 Dealing with Imbalanced and Weakly Labelled Data in Machine Learning using Fuzzy and Rough Set Methods*.
- Wang, Y., Zheng, Y., Zhang, Y., Xie, Y., Xu, S., Hu, Y., & He, L. (2021). *Unsupervised Anomalous Sound Detection for Classification-Based Methods*. August, 1–7.
- Wcisło, M., & Eisner, L. (2016). Attenuation from microseismic datasets by the peak frequency method benchmarked with the spectral ratio method. *Studia*

*Geophysica et Geodaetica*, 60(3), 547–564. <https://doi.org/10.1007/s11200-015-0577-7>

Widodo, A., & Yang, B. S. (2007). Support vector machine in machine condition monitoring and fault diagnosis. *Mechanical Systems and Signal Processing*, 21(6), 2560–2574. <https://doi.org/10.1016/j.ymssp.2006.12.007>

