

## DAFTAR PUSTAKA

- [1] S. Esakimuthu Pandarakone, Y. Mizuno, dan H. Nakamura, "A Comparative Study between Machine Learning Algorithm and Artificial Intelligence Neural Network in Detecting Minor Bearing Fault of Induction Motors," *Energies*, vol. 12, no. 11, hal. 2105, Jun 2019, doi: 10.3390/en12112105.
- [2] S. Zhang, S. Zhang, B. Wang, dan T. G. Habetler, "Deep Learning Algorithms for Bearing Fault Diagnostics—A Comprehensive Review," *IEEE Access*, vol. 8, hal. 29857–29881, 2020, doi: 10.1109/ACCESS.2020.2972859.
- [3] M. Kahr, G. Kovács, M. Loinig, dan H. Brückl, "Condition Monitoring of Ball Bearings Based on Machine Learning with Synthetically Generated Data," *Sensors*, vol. 22, no. 7, hal. 2490, Mar 2022, doi: 10.3390/s22072490.
- [4] G. Xin, N. Hamzaoui, dan J. Antoni, "Semi-automated diagnosis of bearing faults based on a hidden Markov model of the vibration signals," *Measurement*, vol. 127, no. May, hal. 141–166, Okt 2018, doi: 10.1016/j.measurement.2018.05.040.
- [5] A. Kumar dan R. Kumar, "Role of Signal Processing, Modeling and Decision Making in the Diagnosis of Rolling Element Bearing Defect: A Review," *J. Nondestruct. Eval.*, vol. 38, no. 1, hal. 5, Mar 2019, doi: 10.1007/s10921-018-0543-8.
- [6] F. R. Adi, "Identifikasi Keausan Bantalan Tirus (*Tapered Bearing*) Berbasis Analisis Vibrasi dengan Metode *Support Vector Machine* (SVM)," Institut Teknologi Bandung, 2017.
- [7] A. Dogan dan D. Birant, "Machine learning and data mining in manufacturing," *Expert Syst. Appl.*, vol. 166, hal. 114060, Mar 2021, doi: 10.1016/j.eswa.2020.114060.
- [8] M. Fathurrohman, R. L. Lambang G. H, dan D. D. Susilo, "Diagnosa Kerusakan Bantalan Bola Menggunakan Metode *Support Vector Machine*," *Mek. Maj. Ilm. Mek.*, vol. 18, no. 1, hal. 14–21, Mei 2019, doi: 10.20961/mechanika.v18i1.35041.
- [9] X. Chen, X. Qi, Z. Wang, C. Cui, B. Wu, dan Y. Yang, "Fault diagnosis of

- rolling bearing using marine predators algorithm-based support vector machine and topology learning and out-of-sample embedding,”* *Measurement*, vol. 176, no. January, hal. 109116, Mei 2021, doi: 10.1016/j.measurement.2021.109116.
- [10] W. Zhang, G. Peng, dan C. Li, “*Bearings Fault Diagnosis Based on Convolutional Neural Networks with 2-D Representation of Vibration Signals as Input,*” *MATEC Web Conf.*, vol. 95, no. 13001, hal. 1–5, Feb 2017, doi: 10.1051/mateconf/20179513001.
- [11] J. Zhang, Y. Sun, L. Guo, H. Gao, X. Hong, dan H. Song, “*A new bearing fault diagnosis method based on modified convolutional neural networks,*” *Chinese J. Aeronaut.*, vol. 33, no. 2, hal. 439–447, Feb 2020, doi: 10.1016/j.cja.2019.07.011.
- [12] J. A. Collins, B. Henry, dan G. Staab, *Mechanical Design of Machine Elements and Machines: A Failure Prevention Perspective*, 2nd Editio. John Wiley & Sons Ltd, 2009.
- [13] R. L. Mott, E. M. Vavrek, dan J. Wang, *Machine Elements in Mechanical Design*, Sixth Edit. 330 Hudson Street, New York: Pearson Education, Inc., 2018.
- [14] SLS, “*Differences Between Single Row and Double Row Ball Bearings.*” Diakses: 20 Agustus 2024. [Daring]. Tersedia pada: <https://blog.slsbearings.com/difference-between-single-row-and-double-row-ball-bearing-units>
- [15] N. W. Sachs, “*Ball and Roller Bearings,*” in *Practical Plant Failure Analysis*, Second Edi., C. P. & Francis, Ed., Boca Raton, Florida: CRC Press, 2019, hal. 231–279. doi: 10.1201/9780429451041-10.
- [16] R. M. Ramsi, M. Rusli, dan M. Bur, “*Analisis Pelonggaran Sambungan Baut Akibat Adanya Getaran Struktur Melalui Perubahan Karakteristik Dinamik,*” *J. Tek. Mesin*, vol. 16, no. 1, hal. 56–62, 2023.
- [17] A. Pajankar dan A. Joshi, “*Machine Learning With Python,*” in *Machine Learning Concepts with Python and the Jupyter Notebook Environment*, Berkeley, CA: Apress, 2020, hal. 67–87. doi: 10.1007/978-1-4842-5967-2\_5.

- [18] S. L. Brunton, B. R. Noack, dan P. Koumoutsakos, “*Machine Learning for Fluid Mechanics*,” *Annu. Rev. Fluid Mech.*, vol. 52, no. 1, hal. 477–508, Jan 2020, doi: 10.1146/annurev-fluid-010719-060214.
- [19] S. Raschka dan V. Mirjalili, *Python Machine Learning Machine Learning and Deep Learning with Python, scikit-learn, and TensorFlow*, Second Edi., vol. 69, no. 4. 2019.
- [20] S. S. Patil, S. S. Pardeshi, dan A. D. Patange, “*Health Monitoring of Milling Tool Inserts Using CNN Architectures Trained by Vibration Spectrograms*,” *Comput. Model. Eng. Sci.*, vol. 136, no. 1, hal. 177–199, 2023, doi: 10.32604/cmescs.2023.025516.
- [21] M. Rusli, “*Application of Short Time Fourier Transform and Wavelet Transform for Sound Source Localization Using Single Moving Microphone in Machine Condition Monitoring*,” in *ICoSE Conference on Instrumentation, Environment and Renewable Energy*, Padang, West Sumatera, Indonesia: KnE Engineering, Sep 2016, hal. 1–6. doi: 10.18502/keg.v1i1.488.
- [22] F. S. Fermana, “*Diagnosis Unbalance Pada Poros Linier Melalui Sinyal Getaran Menggunakan Artificial Intelligence*,” Universitas Andalas, 2022.
- [23] T. Carneiro, R. V. Medeiros Da Nobrega, T. Nepomuceno, G.-B. Bian, V. H. C. De Albuquerque, dan P. P. R. Filho, “*Performance Analysis of Google Colaboratory as a Tool for Accelerating Deep Learning Applications*,” *IEEE Access*, vol. 6, hal. 61677–61685, 2018, doi: 10.1109/ACCESS.2018.2874767.