

DAFTAR PUSTAKA

- Ashtiani, M., Hashemabadi, S. H., & Ghaffari, A. (2015). A review on the magnetorheological fluid preparation and stabilization. *Journal of Magnetism and Magnetic Materials*, 374, 711–715.
<https://doi.org/10.1016/j.jmmm.2014.09.020>
- Bahiuddin, I., Imaduddin, F., Mazlan, S. A., Ariff, M. H. M., Mohmad, K. B., Ubaidillah, & Choi, S. B. (2021). Accurate and fast estimation for field-dependent nonlinear damping force of meandering valve-based magnetorheological damper using extreme learning machine method. *Sensors and Actuators, A: Physical*, 318(November), 112479.
<https://doi.org/10.1016/j.sna.2020.112479>
- Bengio, Y. (2012). Practical recommendations for gradient-based training of deep architectures. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 7700 LECTU, 437–478. https://doi.org/10.1007/978-3-642-35289-8_26
- Chen, Q., Zhang, Y., Zhu, C., Wu, J., & Zhuang, Y. (2021). A sky-hook sliding mode semiactive control for commercial truck seat suspension. *JVC/Journal of Vibration and Control*, 27(11–12), 1201–1211.
<https://doi.org/10.1177/1077546320940972>
- Duchanoy, C. A., Moreno-Armendáriz, M. A., Moreno-Torres, J. C., & Cruz-Villar, C. A. (2019). A deep neural network based model for a kind of magnetorheological dampers. *Sensors (Switzerland)*, 19(6), 1–18.
<https://doi.org/10.3390/s19061333>
- Géron, A. (2019). *Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow, 2nd Edition* (N. Tache (Ed.); Second). O'Reilly Media, Inc.
- Graupe, D. (2007). *Principles of Artificial Neural Networks* (2nd ed.). World Scientific Publishing Co., Inc.
- Grunwald, A., & Olabi, A. G. (2008). Design of magneto-rheological (MR) valve. *Sensors and Actuators, A: Physical*, 148(1), 211–223.
<https://doi.org/10.1016/j.sna.2008.07.028>
- Hitchcock, G. H., Wang, X., & Gordaninejad, F. (2007). A new bypass

- magnetorheological fluid damper. *Journal of Vibration and Acoustics, Transactions of the ASME*, 129(5), 641–647. <https://doi.org/10.1115/1.2775514>
- Imaduddin, F., Amri Mazlan, S., Azizi Abdul Rahman, M., Zamzuri, H., Ubaidillah, & Ichwan, B. (2014). A high performance magnetorheological valve with a meandering flow path. *Smart Materials and Structures*, 23(6). <https://doi.org/10.1088/0964-1726/23/6/065017>
- Imaduddin, F., Mazlan, S. A., Ubaidillah, Idris, M. H., & Bahiuddin, I. (2017). Characterization and modeling of a new magnetorheological damper with meandering type valve using neuro-fuzzy. *Journal of King Saud University - Science*, 29(4), 468–477. <https://doi.org/10.1016/j.jksus.2017.08.012>
- Imaduddin, F., Mazlan, S. A., Zamzuri, H., & Yazid, I. I. M. (2015). Design and performance analysis of a compact magnetorheological valve with multiple annular and radial gaps. *Journal of Intelligent Material Systems and Structures*, 26(9), 1038–1049. <https://doi.org/10.1177/1045389X13508332>
- Kingma, D., & Ba, J. (2014). Adam: A Method for Stochastic Optimization. *International Conference on Learning Representations*.
- Laperrière, L., & Reinhart, G. (Eds.). (2014). Artificial Neural Network. In *CIRP Encyclopedia of Production Engineering* (p. 50). Springer Berlin Heidelberg. https://doi.org/10.1007/978-3-642-20617-7_100023
- Mekki, H., Mellit, A., & Salhi, H. (2016). Artificial neural network-based modelling and fault detection of partial shaded photovoltaic modules. *Simulation Modelling Practice and Theory*, 67, 1–13. <https://doi.org/10.1016/j.simpat.2016.05.005>
- Mughni, M. J., Zeinali, M., Mazlan, S. A., Zamzuri, H., & Abdul Rahman, M. A. (2015). Experiments and modeling of a new magnetorheological cell under combination of flow and shear-flow modes. *Journal of Non-Newtonian Fluid Mechanics*, 215, 70–79. <https://doi.org/10.1016/j.jnnfm.2014.11.005>
- Nandi, A., & Ahmed, H. (2019). Artificial Neural Networks (ANNs). *Condition Monitoring with Vibration Signals*, 239–258. <https://doi.org/10.1002/9781119544678.ch12>

- Pattanayak, S. (2017). Pro Deep Learning with TensorFlow. In *Pro Deep Learning with TensorFlow*. Apress, Berkeley, CA. <https://doi.org/10.1007/978-1-4842-3096-1>
- Rafajłowicz, W., Więckowski, J., Moczko, P., & Rafajłowicz, E. (2020). Iterative learning from suppressing vibrations in construction machinery using magnetorheological dampers. *Automation in Construction*, 119(November 2019), 103326. <https://doi.org/10.1016/j.autcon.2020.103326>
- Ranjan, G. S. K., Verma, A., & Sudha, R. (2019). *K-Nearest Neighbors and Grid Search CV Based Real Time Fault Monitoring System for Industries*. <https://doi.org/10.1109/I2CT45611.2019.9033691>
- Rossi, A., Orsini, F., Scorza, A., Botta, F., Belfiore, N. P., & Sciuto, S. A. (2018). A review on parametric dynamic models of magnetorheological dampers and their characterization methods. *Actuators*, 7(2). <https://doi.org/10.3390/act7020016>
- Sahin, H., Liu, Y., Wang, X., Gordaninejad, F., Evrensel, C., & Fuchs, A. (2007). Full-scale magnetorheological fluid dampers for heavy vehicle rollover. *Journal of Intelligent Material Systems and Structures*, 18(12), 1161–1167. <https://doi.org/10.1177/1045389X07083137>
- Salloom, M. Y., & Samad, Z. (2012a). Design and modeling magnetorheological directional control valve. *Journal of Intelligent Material Systems and Structures*, 23(2), 155–167. <https://doi.org/10.1177/1045389X11432654>
- Salloom, M. Y., & Samad, Z. (2012b). Magneto-rheological directional control valve. *International Journal of Advanced Manufacturing Technology*, 58(1–4), 279–292. <https://doi.org/10.1007/s00170-011-3377-4>
- Sandu, C., Southward, S., & Richards, R. (2010). Comparison of linear, nonlinear, hysteretic, and probabilistic models for magnetorheological fluid dampers. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, 132(6), 1–9. <https://doi.org/10.1115/1.4002480>
- Spelta, C., Previdi, F., Savaresi, S. M., Delvecchio, D., & Tremolada, S. (2011). Semi-active control of cab suspension in an agricultural tractor via magnetorheological actuator. *IEEE International Conference on Control and*

- Automation, ICCA*, 812–817. <https://doi.org/10.1109/ICCA.2011.6138074>
- Szanda, T., & Wroclaw, T. (2018). *Review and Comparison of Commonly Used Activation Functions for Deep Neural Networks*.
- Tsarpardoukas, G., Stammers, C. W., & Guglielmino, E. (2008). Hybrid balance control of a magnetorheological truck suspension. *Journal of Sound and Vibration*, 317(3–5), 514–536. <https://doi.org/10.1016/j.jsv.2008.03.040>
- Wang, D. H., & Liao, W. H. (2011). Magnetorheological fluid dampers: A review of parametric modelling. *Smart Materials and Structures*, 20(2). <https://doi.org/10.1088/0964-1726/20/2/023001>
- Zhang, H. (2011). A preliminary study on artificial neural network. *Proceedings - 2011 6th IEEE Joint International Information Technology and Artificial Intelligence Conference, ITAIC 2011*, 2, 336–338. <https://doi.org/10.1109/ITAIC.2011.6030344>
- Zhao, L., Zhou, C., Yu, Y., & Yang, F. (2016). A method to evaluate stiffness and damping parameters of cabin suspension system for heavy truck. *Advances in Mechanical Engineering*, 8(7), 1–9. <https://doi.org/10.1177/1687814016654429>
- Zhu, X., Jing, X., & Cheng, L. (2012). Magnetorheological fluid dampers: A review on structure design and analysis. *Journal of Intelligent Material Systems and Structures*, 23(8), 839–873. <https://doi.org/10.1177/1045389X12436735>