

DAFTAR PUSTAKA

- Aghazadeh, F., Tahan, A., and Thomas, M., 2018, Tool condition monitoring using spectral subtraction and convolutional neural networks in milling process. *International Journal of Advanced Manufacturing Technology*, Vol.98, No.9–12, pp.3217–3227.
- Ambadekar, P. K., and Choudhari, C. M., 2020, CNN based tool monitoring system to predict life of cutting tool. *SN Applied Sciences*, Vol.2, No.5.
- Bergs, T., Holst, C., Gupta, P., and Augspurger, T., 2020, Digital image processing with deep learning for automated cutting tool wear detection (Vol. 48, pp. 947–958). Elsevier B.V.
- Brili, N., Ficko, M., and Klančnik, S., 2021, Automatic identification of tool wear based on thermography and a convolutional neural network during the turning process. *Sensors*, Vol.21, No.5, pp.1–18.
- Dolinšek, S. and Kopač, J., 1999. Acoustic emission signals for tool wear identification. *Wear*, 225, pp.295-303.
- Dutta, S., Pal, S. K., Mukhopadhyay, S., and Sen, R., 2013, Application of digital image processing in tool condition monitoring: A review. *CIRP Journal of Manufacturing Science and Technology*.
- Han, K., Yu, D., and Tashev, I., 2014, *Speech Emotion Recognition Using Deep Neural Network and Extreme Learning Machine*.
- Jing, L., Zhao, M., Li, P., and Xu, X., 2017, A convolutional neural network based feature learning and fault diagnosis method for the condition monitoring of gearbox. *Measurement: Journal of the International Measurement Confederation*, Vol.111, pp.1–10.
- Liang, C.J. and Wang, W.H., 2004. Attributes, Benefits, Customer Satisfaction And Behavioral Loyalty--An Integrative Research Of Financial Services Industry In Taiwan. *Journal of services research*, 4(1).

- Lin, W. J., Lo, S. H., Young, H. T., and Hung, C. L., 2019, Evaluation of deep learning neural networks for surface roughness prediction using vibration signal analysis. *Applied Sciences (Switzerland)*, Vol.9, No.7.
- Mamledesai, H., Soriano, M. A., and Ahmad, R., 2020, A qualitative tool condition monitoring framework using convolution neural network and transfer learning. *Applied Sciences (Switzerland)*, Vol.10, No.20, pp.1–17.
- Mandrekar, J. N., 2010, *Receiver Operating Characteristic Curve in Diagnostic Test Assessment. Journal of Thoracic Oncology* (Vol. 5).
- Martínez-Arellano, G., and Ratchev, S., in press. *TOWARDS AN ACTIVE LEARNING APPROACH TO TOOL CONDITION MONITORING WITH BAYESIAN DEEP LEARNING*.
- Mohanta, N., Singh, R. K., Katiyar, J. K., and Sharma, A. K., 2021, A Novel Fluid–Structure Interaction (FSI) Modeling Approach to Predict the Temperature Distribution in Single-Point Cutting Tool for Condition Monitoring During Turning Process. *Arabian Journal for Science and Engineering*.
- Moocarme, M., Abdolahnejad, M. and Bhagwat, R., 2020. *The Deep Learning with Keras Workshop: Learn how to define and train neural network models with just a few lines of code*. Packt Publishing Ltd.
- Pardadi, J., and Rahmat, B., 2019, Pemanfaatan Mikroskop Digital untuk Mengamati dan Menganalisa Keausan Insert tools pada Mesin Bubut. *Journal of Mechanical Design and Testing*, Vol.1, No.2, pp.105–115.
- Patil, S. S., Pardeshi, S. S., Patange, A. D., and Jegadeeshwaran, R., 2021, Deep Learning Algorithms for Tool Condition Monitoring in Milling: A Review. *Journal of Physics: Conference Series* (Vol. 1969). IOP Publishing Ltd.
- Serin, G., Sener, B., Ozbayoglu, A. M., and Unver, H. O., 2020, July 1, Review of tool condition monitoring in machining and opportunities for deep learning. *International Journal of Advanced Manufacturing Technology*. Springer.

- Shallu, and Mehra, R., 2018, Breast cancer histology images classification: Training from scratch or transfer learning? *ICT Express*, Vol.4, No.4, pp.247–254.
- Sun, X., Mu, S., Xu, Y., Cao, Z., and Su, T., 2018, Image Recognition of Tea Leaf Diseases Based on Convolutional Neural Network. *2018 International Conference on Security, Pattern Analysis, and Cybernetics, SPAC 2018* (pp. 304–309). Institute of Electrical and Electronics Engineers Inc.
- Terrazas, G., Martínez-Arellano, G., Benardos, P., and Ratchev, S., 2018, Online tool wear classification during dry machining using real time cutting force measurements and a CNN approach. *Journal of Manufacturing and Materials Processing*, Vol.2, No.4.
- Wang, B., and Liu, Z., 2018, Influences of tool structure, tool material and tool wear on machined surface integrity during turning and milling of titanium and nickel alloys: a review. *International Journal of Advanced Manufacturing Technology*, Vol.98, No.5–8, pp.1925–1975.
- Widiantoro, H., Fikri, A. A., and Mahardika, M., in press. Seminar Nasional IENACO-2014.
- Woods, K., and Bowyer, K. W., 1997, *Generating ROC Curves for Artificial Neural Networks*. *IEEE TRANSACTIONS ON MEDICAL IMAGING* (Vol. 16).
- Wu, X., Liu, Y., Zhou, X., and Mou, A., 2019, Automatic identification of tool wear based on convolutional neural network in face milling process. *Sensors (Switzerland)*, Vol.19, No.18.
- Zhang, X., Han, C., Luo, M., and Zhang, D., 2020, Tool wear monitoring for complex part milling based on deep learning. *Applied Sciences (Switzerland)*, Vol.10, No.19, pp.1–20.