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**Pengaruh Jumlah Hidden Layer terhadap Kinerja Akurasi dan Waktu Pembelajaran pada Jaringan Syaraf Tiruan**
Muhamad Alif Ridha, Prof. Dr. Ir. Risanuri Hidayat, M.Sc., IPM.
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# DAFTAR PUSTAKA

[1] I. J. Goodfellow, Y. Bengio, and A. Courville, *Deep Learning*. Cambridge, MA, USA: MIT Press, 2016, http://www.deeplearningbook.org.

[2] J. D. Kelleher, *Deep Learning*, ser. MIT Press Essential Knowledge series. London, England: MIT Press, Sep. 2019.

[3] A. Surkan and J. Singleton, "Neural networks for bond rating improved by multiple hidden layers," in *1990 IJCNN International Joint Conference on Neural Networks*, 1990, pp. 157–162 vol.2.

[4] J. de Villiers and E. Barnard, "Backpropagation neural nets with one and two hidden layers," *IEEE Transactions on Neural Networks*, vol. 4, no. 1, pp. 136–141, 1993.

[5] G. Panchal, A. Ganatra, Y. P. Kosta, and D. Panchal, "Behaviour analysis of multilayer perceptronswith multiple hidden neurons and hidden layers," *International Journal of Computer Theory and Engineering*, p. 332–337, 2011. [Online]. Available: http://dx.doi.org/10.7763/IJCTE.2011.V3.328

[6] A. J. Thomas, M. Petridis, S. D. Walters, S. M. Gheytassi, and R. E. Morgan, *Two Hidden Layers are Usually Better than One*. Springer International Publishing, 2017. [Online]. Available: http://dx.doi.org/10.1007/978-3-319-65172-9_24

[7] M. Uzair and N. Jamil, "Effects of hidden layers on the efficiency of neural networks," in *2020 IEEE 23rd International Multitopic Conference (INMIC)*, 2020, pp. 1–6.

[8] C. M. Bishop, *Pattern Recognition and Machine Learning*, ser. MIT Press Essential Knowledge series. London, England: MIT Press, August 2006.

[9] M. Negnevitsky, *Artificial Intelligence A Guide to Intelligent Systems*. Pearson Education, 2005.

[10] D. E. Rumelhart, G. E. Hinton, and R. J. Williams, "Learning representations by back-propagating errors," *Nature*, vol. 323, no. 6088, pp. 533–536, 10 1986. [Online]. Available: https://doi.org/10.1038/323533a0

[11] G. F. Luger, *Artificial intelligence*, 6th ed. Upper Saddle River, NJ: Pearson, Feb. 2008.

[12] G.-B. Huang, "Learning capability and storage capacity of two-hidden-layer feedforward networks," *IEEE Transactions on Neural Networks*, vol. 14, no. 2, pp. 274–281, 2003.

[13] G. James, D. Witten, T. Hastie, and R. Tibshirani, *An introduction to statistical learning*. Springer, 7 2022.

[14] H. Nelson, *Essential math for AI*. O'Reilly Media, 1 2023.

[15] J. Langr and V. Bok, *GANs in action*. New York, NY: Manning Publications, Nov. 2019.

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[16] G. James, D. Witten, T. Hastie, and R. Tibshirani, *An Introduction to Statistical Learning*, 1st ed. New York, NY: Springer, 2025.

[17] D. C. Montgomery, *Design and Analysis of Experiments*, 9th ed. Hoboken, NJ: John Wiley & Sons, 2017.

[18] J. W. Tukey, "Comparing individual means in the analysis of variance," *Biometrics*, vol. 5, no. 2, pp. 99–114, 1949.

[19] M. L. McHugh, "Multiple comparison analysis testing in anova," *Biochemia Medica*, vol. 21, no. 3, pp. 203–209, 2011.