

DAFTAR PUSTAKA

- Aston, F., 1927, Atoms and their Packing Fractions¹, *Nature*, vol. 120, no. 3035:956–959.
- Basdevant, J.L., dan Rich, J., 2005, *Fundamentals in nuclear physics: From nuclear structure to cosmology*, Springer Science & Business Media.
- Bhagwat, A., 2014, Simple nuclear mass formula, *Physical Review C*, vol. 90, no. 6:064.306.
- Bre, F., Gimenez, J.M., dan Fachinotti, V.D., 2018, Prediction of wind pressure coefficients on building surfaces using artificial neural networks, *Energy and Buildings*, vol. 158:1429–1441.
- Chadwick, J., 1932, The existence of a neutron, *Proceedings of the Royal Society of London. Series A, Containing Papers of a Mathematical and Physical Character*, vol. 136, no. 830:692–708.
- Chatfield, C., 1995, *Problem solving: a statistician's guide*, CRC Press.
- Friedman, J.H., 2001, Greedy function approximation: a gradient boosting machine, *Annals of statistics*, 1189–1232.
- Gao, Z.P., Wang, Y.J., Lü, H.L., Li, Q.F., Shen, C.W., dan Liu, L., 2021, Machine learning the nuclear mass, *Nuclear Science and Techniques*, vol. 32, no. 10:1–13.
- Hastie, T., Tibshirani, R., Friedman, J.H., dan Friedman, J.H., 2009, *The elements of statistical learning: data mining, inference, and prediction*, vol. 2, Springer.
- Hastie, T.J., dan Tibshirani, R.J., 1990, Generalized additive models, volume 43 of, *Monographs on statistics and applied probability*, vol. 15.
- Himmetoglu, B., 2016, Tree based machine learning framework for predicting ground state energies of molecules, *The Journal of chemical physics*, vol. 145, no. 13:134.101.
- James, G., Witten, D., Hastie, T., dan Tibshirani, R., 2013, *An introduction to statistical learning*, vol. 112, Springer.

- Kohavi, R., et al., 1995, A study of cross-validation and bootstrap for accuracy estimation and model selection, *Ijcai*, vol. 14, 1137–1145, Montreal, Canada.
- Lou, Y., Caruana, R., dan Gehrke, J., 2012, Intelligible models for classification and regression, *Proceedings of the 18th ACM SIGKDD international conference on Knowledge discovery and data mining*, 150–158.
- Lunney, D., Pearson, J., dan Thibault, C., 2003, Recent trends in the determination of nuclear masses, *Reviews of Modern Physics*, vol. 75, no. 3:1021.
- Mitchell, T., 1997, *Machine learning*, vol. 1, McGraw-hill New York.
- Mittal, V., Verma, R., Gupta, S., et al., 2018, *Introduction to nuclear and particle physics*, PHI Learning Pvt. Ltd.
- Möller, P., Sierk, A.J., Ichikawa, T., dan Sagawa, H., 2016, Nuclear ground-state masses and deformations: FRDM (2012), *Atomic Data and Nuclear Data Tables*, vol. 109:1–204.
- Pedregosa, F., 2011, G. Varoquaux, A. Gramfort, V. Michel, B. Thirion, O. Grisel, M. Blondel, P. Prettenhofer, R. Weiss, V. Dubourg, J. Vanderplas, A. Passos, D. Cournapeau, M. Brucher, M. Perrot, and E. Duchesnay. *Scikit-learn: Machine learning in Python. Journal of Machine Learning Research*, vol. 12:2825–2830.
- Povh, B., Rith, K., Scholz, C., Zetsche, F., dan Rodejohann, W., 1995, Particles and nuclei, *An Introduction to the Physical Concepts, Berlin and Heidelberg: Springer-Verlag (Italian Translation:(1998), Particelle e nuclei. Un'introduzione ai concetti sici, Torino: Bollati Boringhieri editore)*.
- Pyle, D., 1999, *Data preparation for data mining*, morgan kaufmann.
- Ren, Q., Li, M., dan Han, S., 2019, Tectonic discrimination of olivine in basalt using data mining techniques based on major elements: a comparative study from multiple perspectives, *Big Earth Data*, vol. 3, no. 1:8–25.
- Russel, S., dan Norvig, P., 2010, *Artificial Intelligence. A Modern Approach*. 3. utgave.
- Rutherford, E., 1911, LXXIX. The scattering of α and β particles by matter and the structure of the atom, *The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science*, vol. 21, no. 125:669–688.

- Samuel, A.L., 1967, Some studies in machine learning using the game of checkers. II—Recent progress, *IBM Journal of research and development*, vol. 11, no. 6:601–617.
- Schmidhuber, J., 2015, Deep learning in neural networks: An overview, *Neural networks*, vol. 61:85–117.
- Servén, D., dan Brummitt, C., 2018, pyGAM: generalized additive models in python, *Zenodo*, vol. 10.
- Shirangi, M.G., dan Durlafsky, L.J., 2016, A general method to select representative models for decision making and optimization under uncertainty, *Computers & Geosciences*, vol. 96:109–123.
- Thomson, J.J., 1904, XXIV. On the structure of the atom: an investigation of the stability and periods of oscillation of a number of corpuscles arranged at equal intervals around the circumference of a circle; with application of the results to the theory of atomic structure, *The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science*, vol. 7, no. 39:237–265.
- Wang, M., Huang, W., Kondev, F.G., Audi, G., dan Naimi, S., 2021, The AME 2020 atomic mass evaluation (II). Tables, graphs and references, *Chinese Physics C*, vol. 45, no. 3:030.003.
- Wang, N., Liu, M., Wu, X., dan Meng, J., 2014, Surface diffuseness correction in global mass formula, *Physics Letters B*, vol. 734:215–219.
- Weizsäcker, C.F.v., 1935, On the theory of nuclear masses, *Journal of Physics*, vol. 96:431–458.
- Wolfram Research, 2014, ElementData, <https://reference.wolfram.com/language/ref/ElementData.html>.
- Wood, S.N., 2006, *Generalized additive models: an introduction with R*, Chapman and Hall/CRC.
- Yadav, S., dan Shukla, S., 2016, Analysis of k-fold cross-validation over hold-out validation on colossal datasets for quality classification, *2016 IEEE 6th International conference on advanced computing (IACC)*, 78–83, IEEE.

Yang, Z., Zhang, A., dan Sudjianto, A., 2021, GAMI-Net: An explainable neural network based on generalized additive models with structured interactions, *Pattern Recognition*, vol. 120:108.192.

Zhang, H.F., Wang, L.H., Yin, J.P., Chen, P.H., dan Zhang, H.F., 2017, Performance of the Levenberg–Marquardt neural network approach in nuclear mass prediction, *Journal of Physics G: Nuclear and Particle Physics*, vol. 44, no. 4:045.110.