

DAFTAR PUSTAKA

- [1] I. M. S. A. Arta, I. G. N. P. Dirgayusa, and N. L. P. R. Puspitha, “Perbandingan Laju Pertumbuhan Abalon (*Haliotis squamata*) Menggunakan Metode Co-culture Dan Monoculture di Pantai Geger, Nusa Dua, Kabupaten Badung, Bali,” *J. Mar. Aquat. Sci.*, vol. 7, no. 2, p. 232, 2021, doi: 10.24843/jmas.2021.v07.i02.p12.
- [2] S. A. A. Taridala *et al.*, “Market structure of abalone (*Haliotis asinina*) in Southeast Sulawesi, Indonesia,” *IOP Conf. Ser. Earth Environ. Sci.*, vol. 782, no. 2, 2021, doi: 10.1088/1755-1315/782/2/022039.
- [3] K. Mehta, “Abalone Age Prediction Problem: A Review,” *Int. J. Comput. Appl.*, vol. 178, no. 50, pp. 43–49, 2019, doi: 10.5120/ijca2019919425.
- [4] E. A. Aalto *et al.*, “Abalone populations are most sensitive to environmental stress effects on adult individuals,” *Mar. Ecol. Prog. Ser.*, vol. 643, pp. 75–85, 2020, doi: 10.3354/meps13320.
- [5] E. D. S. Dwi and A. K. Hollanda, “An Overview of the Indonesian Abalone Industry: Production, Market, Challenges, and Opportunities,” *BIO Web Conf.*, vol. 70, 2023, doi: 10.1051/bioconf/20237002003.
- [6] H. T. A. Simanjuntak, P. E. P. Silaban, J. K. S. Manurung, and V. H. Sormin, “Klasterisasi Berita Bahasa Indonesia Dengan Menggunakan K-Means Dan Word Embedding,” *J. Teknol. Inf. dan Ilmu Komput.*, vol. 10, no. 3, pp. 641–652, 2023, doi: 10.25126/jtiik.20231026468.
- [7] S. A. Rahmah, “Review Terbaru Tentang Klasterisasi Data Mining Menggunakan Metode K-Means: Tantangan Dan Aplikasi,” *Djtechno J. Teknol. Inf.*, vol. 5, no. 2, pp. 297–303, 2024, doi: 10.46576/djtechno.v5i2.4723.
- [8] M. Z. Nasution and M. S. Hasibuan, “Pendekatan Initial Centroid Search Untuk Meningkatkan Efisiensi Iterasi Klustering K-Means,” *Techno.Com*,

vol. 19, no. 4, pp. 341–352, 2020, doi: 10.33633/tc.v19i4.3875.

- [9] X. Yang, S. Deb, and A. C. B. Behaviour, “Cuckoo Search via Levy Flights,” *Ieee*, pp. 210–214, 2009.
- [10] S. Rakesh and S. Mahesh, “A comprehensive overview on variants of CUCKOO search algorithm and applications,” *Int. Conf. Electr. Electron. Commun. Comput. Technol. Optim. Tech. ICEECCOT 2017*, vol. 2018-Janua, pp. 569–573, 2017, doi: 10.1109/ICEECCOT.2017.8284569.
- [11] A. Arjmand, S. Meshgini, R. Afrouzian, and A. Farzammia, “Breast tumor segmentation using K-Means clustering and cuckoo search optimization,” *2019 9th Int. Conf. Comput. Knowl. Eng. ICCKE 2019*, no. Iccke, pp. 305–308, 2019, doi: 10.1109/ICCKE48569.2019.8964794.
- [12] K. Wisaeng, “Breast Cancer Detection in Mammogram Images Using K-Means++ Clustering Based on Cuckoo Search Optimization,” *Diagnostics*, vol. 12, no. 12, 2022, doi: 10.3390/diagnostics12123088.
- [13] J. Yu, C. H. Kim, and S. B. Rhee, “Clustering cuckoo search optimization for economic load dispatch problem,” *Neural Comput. Appl.*, vol. 32, no. 22, pp. 16951–16969, 2020, doi: 10.1007/s00521-020-05036-w.
- [14] K. G. Dhal, A. Das, S. Ray, and S. Das, “A Clustering Based Classification Approach Based on Modified Cuckoo Search Algorithm,” *Pattern Recognit. Image Anal.*, vol. 29, no. 3, pp. 344–359, 2019, doi: 10.1134/S1054661819030052.
- [15] I. Wahyudi, L. Sarifah, and M. Sukron, “K-Means Clustering dengan Optimasi Algoritma Genetika untuk mengelompokkan daerah budidaya Cabai Jawa,” vol. 6, no. 2, 2024, doi: 10.33650/jeecom.v4i2.
- [16] W. Rupert *et al.*, “Centroid Initialization in K-Means Clustering using GATCAM,” *Sci. World J.*, vol. 18, no. 1, p. 2023, 2023, [Online]. Available: www.scienceworldjournal.org.

- [17] I. Arfiani, H. Yuliansyah, and M. D. Suratin, "Implementasi Bee Colony Optimization Pada Pemilihan Centroid (Klaster Pusat) Dalam Algoritma K-Means," *Build. Informatics, Technol. Sci.*, vol. 3, no. 4, pp. 756–763, 2022, doi: 10.47065/bits.v3i4.1446.
- [18] D. B. Wijaya, E. Noersasongko, and P. Purwanto, "Optimasi Centroid Awal Algoritma K-Medoids Menggunakan Particle Swarm Optimization Untuk Segmentasi Customer," *Techno.Com*, vol. 23, no. 1, pp. 221–232, 2024, doi: 10.62411/tc.v23i1.9516.
- [19] C. Oosthuizen, "Clustering of abalone data set," 2020.
- [20] A. B. Pratiwi, N. Faiza, and E. Edi Winarko, "Penerapan Cuckoo Search Algorithm (CSA) untuk Menyelesaikan Uncapacitated Facility Location Problem (UFLP)," *Contemp. Math. Appl.*, vol. 1, no. 1, p. 34, 2019, doi: 10.20473/conmatha.v1i1.14773.
- [21] N. Bullon, A. Seyfoddin, and A. C. Alfaro, "The role of aquafeeds in abalone nutrition and health: A comprehensive review," *J. World Aquac. Soc.*, vol. 54, no. 1, pp. 7–31, 2023, doi: 10.1111/jwas.12883.
- [22] T. Saunders, S. Mayfield, and A. Hogg, "Using a simple morphometric marker to identify spatial units for abalone fishery management," *ICES J. Mar. Sci.*, vol. 66, no. 2, pp. 305–314, 2009, doi: 10.1093/icesjms/fsn212.
- [23] A. K. Jain, "Data clustering: 50 years beyond K-means," *Pattern Recognit. Lett.*, vol. 31, no. 8, pp. 651–666, 2010, doi: 10.1016/j.patrec.2009.09.011.
- [24] D. Xu and Y. Tian, "A Comprehensive Survey of Clustering Algorithms," *Ann. Data Sci.*, vol. 2, no. 2, pp. 165–193, 2015, doi: 10.1007/s40745-015-0040-1.
- [25] J. Yu, H. Huang, and S. Tian, "Cluster validity and stability of clustering algorithms," *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 3138, no. 3, pp. 957–965, 2004, doi: 10.1007/978-3-540-27868-9_105.

- [26] D. Arthur and S. Vassilvitskii, “K-means++: The advantages of careful seeding,” *Proc. Annu. ACM-SIAM Symp. Discret. Algorithms*, vol. 07-09-Janu, pp. 1027–1035, 2007.
- [27] J. Nocedal and S. J. Wright, *Numerical optimization*. 2006.
- [28] I. Boussaïd, J. Lepagnot, and P. Siarry, “A survey on optimization metaheuristics,” *Inf. Sci. (Ny)*, vol. 237, no. February, pp. 82–117, 2013, doi: 10.1016/j.ins.2013.02.041.
- [29] C. Blum and A. Roli, “Metaheuristics in Combinatorial Optimization: Overview and Conceptual Comparison,” *ACM Comput. Surv.*, vol. 35, no. 3, pp. 268–308, 2003, doi: 10.1145/937503.937505.
- [30] C. A. Coello Coello, “Theoretical and numerical constraint-handling techniques used with evolutionary algorithms: A survey of the state of the art,” *Comput. Methods Appl. Mech. Eng.*, vol. 191, no. 11–12, pp. 1245–1287, 2002, doi: 10.1016/S0045-7825(01)00323-1.
- [31] M. Kohlhardt, B. Bauer, H. Krause, and A. Fleckenstein, “Differentiation of the transmembrane Na and Ca channels in mammalian cardiac fibres by the use of specific inhibitors,” *Pflügers Arch. Eur. J. Physiol.*, vol. 335, no. 4, pp. 309–322, 1972, doi: 10.1007/BF00586221.
- [32] R. Rajabioun, “Cuckoo optimization algorithm,” *Appl. Soft Comput. J.*, vol. 11, no. 8, pp. 5508–5518, 2011, doi: 10.1016/j.asoc.2011.05.008.
- [33] M. A. Al-abaji, “A Literature Review of Cuckoo Search Algorithm,” *J. Educ. Pract.*, vol. 11, no. 8, pp. 1–8, 2020, doi: 10.7176/jep/11-8-01.
- [34] A. Géron, *Hands-on Machine Learning whith Scikit-Learing, Keras and Tensorfow*. 2019.
- [35] K. Sabo, R. Scitovski, and I. Vazler, “One-dimensional center-based 1 1-clustering method,” *Optim. Lett.*, vol. 7, no. 1, pp. 5–22, 2013, doi: 10.1007/s11590-011-0389-9.

- [36] N. Wakhidah, "Clustering Menggunakan K-Means Algorithm (K-Means Algorithm Clustering)," *Fak. Teknol. Inf.*, vol. 21, no. 1, pp. 70–80, 2014.
- [37] I. A. Rosyada and D. T. Utari, "Penerapan Principal Component Analysis untuk Reduksi Variabel pada Algoritma K-Means Clustering," *Jambura J. Probab. Stat.*, vol. 5, no. 1, pp. 6–13, 2024, doi: 10.37905/jjps.v5i1.18733.