

DAFTAR PUSTAKA

- [1] D. N. Adinugroho and S. N. Aryani, "Improvement of Animal Motion Detection Using Kalman Filter," *Jurnal Ilmiah Teknologi Elektro*, vol. 12, no. 2, pp. 89–97, 2022.
- [2] D. Mancuso, G. Castagnolo, and S. M. C. Porto, "Cow Behavioural Activities in Extensive Farms: Challenges of Adopting Automatic Monitoring Systems," *Sensors*, vol. 23, no. 8, p. 3828, Apr. 2023, doi: 10.3390/s23083828.
- [3] A. van der Marel, C. L. O'Connell, S. Prasher, C. Carminito, X. Francis, and E. A. Hobson, "A comparison of low-cost behavioral observation software applications for handheld computers and recommendations for use," *Ethology*, vol. 128, no. 3, pp. 275–284, Mar. 2022, doi: 10.1111/eth.13251.
- [4] A. Kapoor, A. Kumar, D. P. Singh, A. K. Karn, K. K. Gola, and P. Suyal, "Advancements in Animal Behaviour Monitoring and Livestock Management: A Review," in *2024 7th International Conference on Contemporary Computing and Informatics (IC3I)*, IEEE, Sep. 2024, pp. 1206–1212. doi: 10.1109/IC3I61595.2024.10828621.
- [5] J. Barwick, D. W. Lamb, R. Dobos, M. Welch, D. Schneider, and M. Trotter, "Identifying Sheep Activity from Tri-Axial Acceleration Signals Using a Moving Window Classification Model," *Remote Sens (Basel)*, vol. 12, no. 4, p. 646, Feb. 2020, doi: 10.3390/rs12040646.
- [6] G. Hernández, C. González-Sánchez, A. González-Arrieta, G. Sánchez-Brizuela, and J.-C. Fraile, "Machine Learning-Based Prediction of Cattle Activity Using Sensor-Based Data," *Sensors*, vol. 24, no. 10, p. 3157, May 2024, doi: 10.3390/s24103157.
- [7] Calvin Satria Dewangga Putra H, Giva Andriana Mutiara, and Muhammad Rizqy Alfari, "Internet Of Things Untuk Monitoring Perilaku Hewan Ternak Menggunakan Mysql," *e-Proceeding*, vol. 9, no. 6, pp. 7–8, Dec. 2023.
- [8] Z. Jin *et al.*, "Behavior classification and spatiotemporal analysis of grazing sheep using deep learning," *Comput Electron Agric*, vol. 220, p. 108894, May 2024, doi: 10.1016/j.compag.2024.108894.
- [9] A. Noerifanza, "Analisa Kelayakan Modul Esp32 Sebagai Kamera untuk Pengenalan Objek Sehari-hari," *Journal of Computer Electronic and Telecommunications*, vol. 3, no. 2, Dec. 2022, doi: 10.52435/complete.v3i2.263.
- [10] "Development of a Power Management System for Autonomous IoT Devices," *neuroquantology*, vol. 16, no. 01, May 2023, doi: 10.48047/nq.2018.16.1.1167.
- [11] S. J. Ikurior, N. Marquetoux, S. T. Leu, R. A. Corner-Thomas, I. Scott, and W. E. Pomroy, "What Are Sheep Doing? Tri-Axial Accelerometer Sensor Data Identify the Diel Activity Pattern of Ewe Lambs on Pasture," *Sensors*, vol. 21, no. 20, p. 6816, Oct. 2021, doi: 10.3390/s21206816.
- [12] A. Monteiro, P. Gonçalves, M. R. Marques, A. T. Belo, and F. Braz, "Sheep Nocturnal Activity Dataset," *Data (Basel)*, vol. 7, no. 9, p. 134, Sep. 2022, doi: 10.3390/data7090134.

- [13] M. Agarwal, K. Rafiq, R. Mehta, B. Abrahms, and Z. Harchaoui, "Leveraging machine learning and accelerometry to classify animal behaviours with uncertainty," Dec. 29, 2024. doi: 10.1101/2024.12.28.630628.
- [14] D. Krstinić, M. Braović, L. Šerić, and D. Božić-Štulić, "Multi-label Classifier Performance Evaluation with Confusion Matrix," in *Computer Science & Information Technology*, AIRCC Publishing Corporation, Jun. 2020, pp. 01–14. doi: 10.5121/csit.2020.100801.
- [15] J. Barwick, D. W. Lamb, R. Dobos, M. Welch, D. Schneider, and M. Trotter, "Identifying Sheep Activity from Tri-Axial Acceleration Signals Using a Moving Window Classification Model," *Remote Sens (Basel)*, vol. 12, no. 4, p. 646, Feb. 2020, doi: 10.3390/rs12040646.