

- [45] A. Moreira and M. Y. Santos, "Concave hull: A JT-nearest neighbours approach for the computation of the region occupied by a set of points," in *Proc. 2nd Int. Conf. Comput. Graph. Theory Appl.*, 2007, vol. GM, pp. 61–68.
- [46] S. Guo, X. Li, W. K. Ching, R. Dan, W. K. Li, and Z. Zhang, "GPS trajectory data segmentation based on probabilistic logic," *Int. J. Approx. Reasoning*, vol. 103, pp. 227–247, 2018. [Online]. Available: <https://doi.org/10.1016/j.ijar.2018.09.008>
- [47] M. Ester, H.-P. Kriegel, J. Sander, and X. Xu, "A density-based algorithm for discovering clusters in large spatial databases with noise," in *Proc. 2nd Int. Conf. Knowl. Discov. Data Mining*, 1996, pp. 226–231.
- [48] S. Hwang, C. Evans, and T. Hanke, *Detecting Stop Episodes From GPS Trajectories With GAPS*. Berlin, Germany: Springer, 2017, pp. 427–439.
- [49] L. Gong, H. Sato, T. Yamamoto, T. Miwa, and T. Morikawa, "Identification of activity stop locations in GPS trajectories by density-based clustering method combined with support vector machines," *J. Modern Transp.*, vol. 23, no. 3, pp. 202–213, 2015.
- [50] Radionics, "Ss443a| honeywell through hole hall effect sensor, digital output, 3.8→30 v dc, 30v | rs," 2022. Accessed: Dec. 11, 2022. [Online]. Available: <https://ie.rs-online.com/web/p/hall-effect-sensors/1697662>
- [51] McHale Engineering, "McHale fusion 3 plus product page," 2022. Accessed: Feb. 11, 2022. [Online]. Available: <https://www.mchale.net/fusion-3/>
- [52] McHale Engineering "McHale pro glide R3100 rear mower," 2022. Accessed: Feb. 11, 2022. [Online]. Available: <https://www.mchale.net/products/mchale-pro-glide-r3100-rear-mower/>
- [53] D. S. Paraforos et al., "Multi-level automation of farm management information systems," *Comput. Electron. Agriculture*, vol. 142, pp. 504–514, 2017.
- [54] TractorData.com. "Tractordata.com deutz-fahr 6180 ttv tractor information," 2016. Accessed: Feb. 9, 2022. [Online]. Available: <https://www.tractordata.com/farm-tractors/008/9/3/8935-deutz-fahr-6180-ttv.html>
- [55] TractorData.com. "Tractordata.com john deere 6150r tractor information," 2017 Accessed: Feb. 9, 2022. [Online]. Available: <https://www.tractordata.com/farm-tractors/007/1/5/7158-john-deere-6150r.html>
- [56] S. J. Harkin et al., "Automated geometrical field boundary delineation algorithm for adjacent job sites," in *Proc. 15th Int. Conf. Precis. Agriculture*, Minneapolis, Minnesota, USA, 2022. [Online]. Available: <https://www.ispag.org/proceedings/?action=abstract&id=9131&title=Automated+Geometrical+Field+Boundary+Delineation+Algorithm+for+Adjacent+Job+Sites>
- [57] Emlid, "Reach M2 and M+ - RTK GNSS/GPS modules for high precision mapping," 2022. Accessed: Feb. 11, 2022. [Online]. Available: <https://emlid.com/reach/>
- [58] J. Whitaker, "GitHub - pyproj4/pyproj: Python interface to PROJ," 2022. Accessed: Sep. 25, 2022. [Online]. Available: <https://github.com/pyproj4/pyproj>
- [59] N. V. Nguyen, W. Cho, and K. Hayashi, "Performance evaluation of a typical low-cost multi-frequency multi-gnss device for positioning and navigation in agriculture—part 1: Static testing," *Smart Agricultural Technol.*, vol. 1, 2021, Art. no. 100004.
- [60] J. Hunter, D. Dale, E. Firing, and M. Droettboom, "Matplotlib 3.6.2 documentation - matplotlib.pyplot.fill API," 2022. Accessed: Dec. 22, 2022. [Online]. Available: [https://matplotlib.org/stable/api/\\_as\\_gen/matplotlib.pyplot.fill.html](https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.fill.html)
- [61] A. A. Hagberg, D. A. Schult, and P. J. Swart, "Exploring network structure, dynamics, and function using networkx," in *Proc. 7th Python Sci. Conf.*, Pasadena, CA, USA, 2008, pp. 11–15.
- [62] OpenCV, "OpenCV: Flood fill image transformations," 2022. Accessed: Jan. 26, 2022. [Online]. Available: [https://docs.opencv.org/3.4/d7/d1b/group\\_imgproc\\_misc.html#ga366aae45a6c1289b341d140839f18717](https://docs.opencv.org/3.4/d7/d1b/group_imgproc_misc.html#ga366aae45a6c1289b341d140839f18717)
- [63] OpenCV, "Opencv: Contours," 2022. Accessed: Jan. 26, 2022. [Online]. Available: [https://docs.opencv.org/3.4/d4/d73/tutorial\\_py\\_contours\\_begin.html](https://docs.opencv.org/3.4/d4/d73/tutorial_py_contours_begin.html)
- [64] S. Suzuki and K. A. Be, "Topological structural analysis of digitized binary images by border following," *Comput. Vis. Graph. Image Process.*, vol. 30, no. 1, pp. 32–46, Apr. 1985.