

DAFTAR PUSTAKA

- [1] R. F. Brena, J. P. García-Vázquez, C. E. Galván-Tejada, D. Muñoz-Rodriguez, C. Vargas-Rosales, and J. Fangmeyer, “Evolution of Indoor Positioning Technologies: A Survey,” *J. Sensors*, vol. 2017, 2017.
- [2] K. Gligoric, M. Ajmani, D. Vukobratovic, and S. Sinanovic, “Visible Light Communications-Based Indoor Positioning via Compressed Sensing,” *IEEE Commun. Lett.*, vol. 22, no. 7, pp. 1410–1413, 2018.
- [3] S. Xia, Y. Liu, G. Yuan, M. Zhu, and Z. Wang, “Indoor fingerprint positioning based on Wi-Fi: An overview,” *ISPRS Int. J. Geo-Information*, vol. 6, no. 5, 2017.
- [4] H. Zheng, Z. Xu, C. Yu, and M. Gurusamy, “A 3-D high accuracy positioning system based on visible light communication with novel positioning algorithm,” *Opt. Commun.*, vol. 396, no. March, pp. 160–168, 2017.
- [5] W. A. Cahyadi, Y. H. Chung, and T. Adiono, “Infrared Indoor Positioning Using Invisible Beacon,” *2019 Elev. Int. Conf. Ubiquitous Futur. Networks*, pp. 341–345, 2019.
- [6] S. Sayeef, U. K. Madawala, P. G. Handley, and D. Santoso, “Indoor personnel tracking using infrared beam scanning,” *Rec. - IEEE PLANS, Position Locat. Navig. Symp.*, pp. 698–705, 2004.
- [7] X. Liu, H. Makino, and Y. Maeda, “Basic study on indoor location estimation using Visible Light Communication platform,” *Proc. 30th Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. EMBS’08 - "Personalized Healthc. through Technol."*, no. May 2015, pp. 2377–2380, 2008.
- [8] H. Schweinzer and M. Syafrudin, “LOSNUS: An ultrasonic system enabling high accuracy and secure TDoA locating of numerous devices,” *2010 Int. Conf. Indoor Position. Indoor Navig. IPIN 2010 - Conf. Proc.*, no.

- September, pp. 15–17, 2010.
- [9] I. Rishabh, D. Kimber, and J. Adcock, “Indoor localization using controlled ambient sounds,” *2012 Int. Conf. Indoor Position. Indoor Navig. IPIN 2012 - Conf. Proc.*, no. November, pp. 13–15, 2012.
 - [10] A. Rai, K. K. Chintalapudi, V. N. Padmanabhan, and R. Sen, “Zee: Zero-effort crowdsourcing for indoor localization,” *Proc. Annu. Int. Conf. Mob. Comput. Networking, MOBICOM*, pp. 293–304, 2012.
 - [11] G. Gonçalo and S. Helena, “Indoor location system using ZigBee technology,” *Proc. - 2009 3rd Int. Conf. Sens. Technol. Appl. SENSORCOMM 2009*, pp. 152–157, 2009.
 - [12] L. M. Ni, Y. Liu, Y. C. Lau, and A. P. Patil, “LANDMARC: Indoor location sensing using active RFID,” *Proc. 1st IEEE Int. Conf. Pervasive Comput. Commun. PerCom 2003*, no. April, pp. 407–415, 2003.
 - [13] S. G. P. Steggles, “The ubisense smart space platform,” *Proc. 3rd Int. Conf. Pervasive Comput.*, vol. 191, pp. 73–76, 2009.
 - [14] A. Yilmaz and A. Gupta, “Indoor positioning using visual and inertial sensors,” in *Proceedings of IEEE Sensors*, 2017.
 - [15] E. Vildjiounaite, E. J. Malm, J. Kaartinen, and P. Alahuhta, “Location estimation indoors by means of small computing power devices, accelerometers, magnetic sensors, and map knowledge,” *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 2414, pp. 211–224, 2002.
 - [16] A. Mulloni, D. Wagner, I. Barakonyi, and D. Schmalstieg, “Indoor positioning and navigation with camera phones,” *IEEE Pervasive Comput.*, vol. 8, no. 2, pp. 22–31, 2009.
 - [17] M. Riadi, “Pengolahan Citra Digital,” 2016. [Online]. Available: <https://www.kajianpustaka.com/2016/04/pengolahan-citra-digital.html>. [Accessed: 28-Oct-2019].

- [18] S. T. Acton, *The Essential Guide to Image Processing*. 2009.
- [19] R. C. Gonzalez and R. E. Woods, *Digital Image Processing*, vol. 3. 2006.
- [20] Visco Technologies, “Blob Analysis.” [Online]. Available: <https://www.visco-tech.com/english/technical/direction-presence/blob/#:~:text=The%20method%20of%20analyzing%20an,length%2C%20and,direction%20of%20lumps>. [Accessed: 16-Oct-2020].
- [21] CreativeLive, “How does a camera work? A beginner’s simple guide on how to use a camera.” [Online]. Available: <https://www.creativelive.com/photography-guides/how-does-a-camera-work>. [Accessed: 19-Nov-2019].
- [22] J. Hendrix, “RESOLUTION VERSUS FIELD OF VIEW,” 2017. [Online]. Available: <https://www.adimec.com/resolution-versus-field-of-view/>. [Accessed: 19-Nov-2019].
- [23] J. Park, S. C. Byun, and B. U. Lee, “Lens distortion correction using ideal image coordinates,” *IEEE Trans. Consum. Electron.*, vol. 55, no. 3, pp. 987–991, 2009.
- [24] X. Wang, Y. Duan, X. Xie, and Y. Li, “Multiple moving targets positioning via local trajectory consistency using stereo geostationary infrared image sequences,” *Infrared Phys. Technol.*, vol. 88, pp. 212–222, 2018.
- [25] D. Mardanbegi and D. W. Hansen, “Parallax error in the monocular head-mounted eye trackers,” *UbiComp’12 - Proc. 2012 ACM Conf. Ubiquitous Comput.*, no. September, pp. 689–694, 2012.