DAFTAR PUSTAKA

- W.H.O., "Good Health Adds Life To Years," *Global Brief for World Health Day 2012*, 2012.
- [2] S. Lord, C. Sherrington, H. Menz and J. Close, "Falls in Older People: Risk Factors and Strategies for Prevention," *Cambridge University Press*, 2007.
- [3] M. Firmansyah, Rancang Bangun Sistem Fall Detection Untuk Orang, Universitas Telkom, 2016.
- [4] M. Kreković, P. Čerić, T. Dominko, M. Ilijaš, K. Ivančić, V. Skolan and J. Šarlija, "A Method for Real-Time Detection Of Human Fall From Video," 2012 Proceedings of the 35th International Convention, 2012.
- [5] H. L. U. Thuc and P. V. Tuan, "An Effective Video Based System for Human Fall Detection," 2014 International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), 2014.
- [6] I. Charfi, J. Mitéran, J. Dubois, M. Atri and R. Tourki, "Optimised spatiotemporal descriptors for real-time fall detection: comparison of SVM and Adaboost based classification," *Journal of Electronic Imaging (JEI)*, vol. 22, no. 4, p. 17, 2013.
- [7] B. Kwolek and M. Kepski, "Human fall detection on embedded platform using depth maps and wireless accelerometer," *Computer Methods and Programs in Biomedicine*, vol. 117, no. 3, pp. 489-501, 2014.
- [8] R. Munir, Pengolahan Citra Digital dengan Pendekatan Algoritmik, Bandung: Penerbit Informatika, 2004.
- [9] C. R. Gonzalez and E. R. Woods, Digital Image Processing, 3rd Edition, New Jersey: Prentice Hall, 2008.
- [10] A. F. Setiaji, Kontrol Posisi Robot Beroda Dengan Image Processing Berbasis OpenCV, Bandung: Universitas Tekom, 2016.

- [11] M. Lyra, A. Ploussi and A. Georgantzoglou, "MATLAB as a Tool in Nuclear Medicine Image Processing," in *MATLAB - A Ubiquitous Tool for the Practical Engineer*, InTech, 2011, pp. 477-500.
- [12] T. K and P. T. V., "Human fall detection based on adaptive background mixture model and HMM," 2013 International Conference on Advanced Technologies for Communications (ATC 2013), pp. 95-100, 2013.
- [13] J. N. B. and S. L. Nalbalwar, "A fall detection and alert system for an elderly using computer vision and Internet of Things," 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT), pp. 1276-1281, 2017.
- [14] "Create circles and ellipses," [Online]. Available: http://pro.arcgis.com/en/pro-app/help/editing/create-circles-and-ellipses.htm. [Accessed 22 Maret 2018].
- [15] F. Q, G. C, W. L, Z. M, D. L and Q. S, "Fall detection based on motion history image and histogram of oriented gradient feature," 2017 International Symposium on Intelligent Signal Processing and Communication Systems (ISPACS), pp. 341-346, 2017.
- [16] D. T. H. Lai, R. Begg and M. Palaniswami, "SVM Models for Diagnosing Balance Problems Using Statistical Features of the MTC Signal," *International Journal of Computational Intelligence and Applications*, vol. 7, no. 3, pp. 317-331, 2008.
- [17] T. Bouwmans, F. El Baf and B. Vachon, "Background Modeling using Mixture of Gaussians for Foreground Detection - A Survey," in *Recent Patents on Computer Science*, Bentham Science, 2008, pp. 219-237.
- [18] C. Rougier, A. St-Arnaud, J. Rousseau and J. Meunier, "Video Surveillance for Fall Detection," in *Video Surveillance, Prof. Weiyao Lin (Ed.)*, InTech, 2011, pp. 357-382.
- [19] Wikipedia, "Kernel machine," [Online]. Available: http://commons.wikimedia.org/wiki/file:kernel_/machine.png. [Accessed 11 July 2019].

- [20] Z. Liu and H. Xu, "Kernel Parameter Selection for Support Vector Machine Classification," *Journal of Algorithms & Computational Technology*, vol. 8, no. 2, pp. 163-177, 2013.
- [21] M. A. Nanda, K. B. Seminar, D. Nandika and A. Maddu, "A Comparison Study of Kernel Functions in the Support Vector Machine and Its Application for Termite Detection," *Information 2018*, vol. 9, no. 5, 2018.
- [22] H. Cao, T. Naito and Y. Ninomiya, "Approximate RBF Kernel SVM and Its Applications in Pedestrian Classification," in *The 1st International Workshop* on Machine Learning for Vision-based Motion Analysis, Marseille, 2008.