

**DAFTAR PUSTAKA**

- Assfalg, J., Bertini, M., Colombo, C., del Bimbo, D., dan Nunziati, W. (2003). *Semantic Annotation of Soccer Videos. Computer Vision Image Understand*, hal 285-305.
- Achararit, Paniti. (2016). *Real-Time Tennis Ball Speed Analysis System Based on Image Processing*. Tokyo Institute of Technology School of Engineering.
- Bhattacharyya, A. (1943). *On a Measure of Divergence Between Two Statistical Populations Defined by Their Probability Distributions. Bulletin of the Calcutta Mathematical Society*. hal 99–109..
- Buckley, B.S. , Chen, J., Yang, D.S. dan Zhou, H.C. (2000). *Computer Aided Inspection Machine*. United State Patent.
- Burgess, D., dan Naughton, G. (2003). *Player Movement Requirements and Game Statistics in Elite Australian Soccer. Journal of Science and Medicine in Sport*, hal 35.
- Bovik, Alan. (2005). *Handbook of Image and Video Processing 2nd Edition*. Austin: Elsevier.
- Jung, Boyoon dan Sukhatme, G.S. (2004). *A Generalized Region-based Approach for Multitarget Tracking in Outdoor Environments. IEEE International Conference on Robotics and Automation*. hal 2189-2195.
- Chen, S., Nicponski, H. dan Ray, L. (2003). *Distributed Face Detection System with Complementary Classifiers. Proceedings Associations Intelligent Machinery 7th Joint Conf. Information Sciences*, hal 735-738.
- Comaniciu, D., Ramesh, V. dan Meer, P. (2000). *Real-Time Tracking of Non-Rigid Objects using Mean Shift, IEEE Conf. Computer Vision and Pattern Recognition (CVPR'00)*, South Carolina: Hilton Head Island, Vol. 2, hal 142–149.
- Danuser, Gaudenz. (2011). *Computer Vision in Cell Biology*. Elsevier, 973-978.
- Del Moral, Pierre (1996). *Non Linear Filtering: Interacting Particle Solution. Markov Processes and Related Fields*. hal 555–580.
- Dickmanns, E.D. dan Zapp, A. (1987). *Autonomous High Speed Road Vehicle Guidance by Computer Vision. International Federation of Automatic Control*, hal 221-226.
- Duda, R. O. and P. E. Hart, (1972). *Use of the Hough Transformation to Detect Lines and Curves in Pictures*, Comm. ACM, Vol. 15, hal 11–15
- Ekin, A., Tekalp, A., dan Mehrotra, R. (2003). *Automatic Soccer Video Analysis and Summarization. IEEE Trans. Image Process*, hal 796-807.

- Gong, Y., Sin, L., Chuan, C., Zhang, H., dan Sakauchi, M. (1995). *Automatic Parsing of TV Soccer Programs. Second int'l Conf. on Multimedia Computing and Systems*, hal 167-174.
- Gonzalez, R. C., dan Woods, R. E. (2008). *Digital Image Processing (Third Edition ed.)*. New Jersey: Pearson Prentice Hall.
- Hao, S., Lin, L., Weiping Z., and Limin, L. (2009), *Location and Super-resolution Enhancement of License Plates Based on Video Sequences, International Conference on Information Science and Engineering (ICISE)*, hal 1319 – 1322.
- Hough, P.V.C. (1962). *Method and Means for Recognizing Complex Patterns*. U.S. Patent 3,069,654.
- Ingale, N., dan Borkar, A. (2013). *Digital Image Processing. International Journal of Scientific dan Engineering Reseach*, 4(6), hal 85-88.
- Intille, S., Davis, J., dan Bobick, A. (1997). *Real-Time Closed-World Tracking. CVPR*, 697-703.
- Jain, Ramesh. (1995). *Machine Vision*. McGraw-Hill.
- Kalman, R. E. (1960). *A New Approach to Linear Filtering and Prediction Problems. Journal of Basic Engineering* 82, hal 35-45.
- Kumar, P., Weimin, H., I. Gu, U. dan Tian, Q. (2004). *Statistical Modeling of Complex Backgrounds for Foreground Object Detection. IEEE Transaction on Image Processing. vol 13, no. 1. hal 43-53*.
- LeCun, Y., Bottou, L., Bengio, Y., dan Haffner, P. (1998). *Gradient-based learning applied to document recognition. Proceedings of the IEEE*.
- Nepal, S., Srinivasan, U., dan Reynold, G. (2001). *Automatic Detection of 'Goal' Segments in Basketball Videos. ACM Multimedia*, hal 261-269.
- Miyamori, H. dan Iisaku, S. (2000). *Video Annotation for Content-Based Retrieval using Human Behavior Analysis and Domain Knowledge. IEEE International Conference on Automatic Face and Gesture Recognition*, hal 320-325.
- Nyirjesy, I., Ayme, Y., dkk. (1986). *Clinical Evaluation, Mammography, and Thermography in the Diagnosis of Breast Carcinoma. Thermology* 1, hal 170-173.
- Ohno, Y., Miura, J., dan Shirai, Y. (2000). *Tracking Player and Estimation of the 3D Position of a Ball in Soccer Games . ICPR*, hal 145-148.
- Okuma, K., Taleghani, A., de Freitas, N., Little, J., dan Lowe, D. (2004). *A Boosted Particle Filter: Multitarget Detection and Tracking . ECCV*, hal 28-39.

- Orazio, T., Ancona, N., Cicirelli, G., dan Nitti, M. (2002). *A Ball Detection Algorithm for Real Soccer Image Sequences. 16th Int'l Conf. on Pattern Recognition*, hal 210-213.
- Pavlidis, Ioannis dan Bhatawadekar, Vineet. (2014). *Computer Vision Database Platform for a Three-Dimensional Mapping System*. United State Patents.
- Pingali, G. S., Jean, Y., dan Carlbom, I. (1998). *Real Time Tracking for Enhanced Tennis Broadcasts, in Computer Vision and Pattern Recognition*". Proceedings 1998 IEEE Computer Society Conference on. IEEE, hal 260–265.
- Pressman, Roger. S. (1997). *Software Engineering : A Practioner's Approach. 4th*. McGrawHill.
- Ren, J., Orwell, J., Graeme, J. A., dan Xu, M. (2008). Tracking the Soccer Ball Using Multile Fixed Cameras. *Elsevier*, hal 633-642.
- Munir, Rinaldi. (2004). Pengolahan Citra Digital. Bandung : Informatika
- Rui, Y., Gupta, A., dan Acero, A. (2000). *Automatically Extracting Highlights for TV Basketball Programs. ACM Multimedia*, hal 105-115.
- Rodriguez, R.A., Spring J. dan Volovik, D. (2012). *Visual Authentication and Authorization for Mobile Devices*. United State Patents
- Rout, R. K. (2013). *A Survey on Object Detection A Survey on Object Detection*.
- Senthilkumaran, N., dan Vaithegi, S. (2016). *Image Segmentation by Using Thresholding Techniques for Medical Images. Computer Science dan Engineering: An International Journal (CSEIJ)*, hal 1-13.
- Seo, Y., Choi, S., Kim, H., dan Hong, K. (1997). *Where are The Ball and Players? Soccer Game Analysis with Color-Based Tracking and Image Mosaick. Int'l Conf. Image Analysis and Processing*, hal 196-203.
- Serby, D., Meier, E.K. dan Gool , L.V. (2004). *Probabilistic Object Tracking Using Multiple Features. Proceedings of the 17th International Conference on Pattern Recognition (ICPR'04)*, Hal 43-53.
- Sudhir G., Lee, J.C.M. dan Jain, A.K. (1998). *Automatic Classification of Tennis Video for High-Level Content-Based Retrieval. IEEE Inter-national Workshop on Content-Based Access of Image and Video Databases*, hal 81-90.
- Shapiro, Linda dan Stockman, George (2001). *Computer Vision*, Prentice-Hall, Inc.
- Smith, Alvy Ray (1978). *Color Gamut Transform Pairs. Computer Graphics*. hal 12–19.
- Sommerville, Ian. (2011). *Software Engineering. 6th*. Addison Wesley.

- Solomon, C., dan Breckon, T. (2011). *Fundamentals of Digital Image Processing - A Practical Approach with Examples in Matlab*. Chicester: A John Wiley dan Sons.
- Steen, K., Christiansen, P., Karstoft, H., dan Jørgensen, R. (2016). *Using Deep Learning to Challenge Safety Standard for Highly Autonomous Machines in Agriculture*. *Journal of Imaging*.
- Szeliski, R. (2011). *Computer Vision, Algorithm and Applications*. London: Springer.
- Teachabarikiti, Kosit, Chalidabhongse, Thanarat H., Thammano, Arit. (2010). *Players Tracking and Ball Detection for an Automatic Tennis Video Annotation*. 11th Int. Conf. Control, Automation, Robotics and Vision.
- Yu, Xinguo, Sim, Chern-Horng, Wang, Jenny Ran, Cheong, Loong Fah.(2004) A Trejectory-Based Ball Detection and Tracking Algorithm in Broadcast Tennis Video. International Conference on Image Processing (ICIP).
- Tong, X.-F., Lu, H.-Q., dan Liu, Q.-S. (2004). *An Effective and Fast Soccer Ball Detection and Tracking Method*. *ICPR*.
- Urtasun, R., Fleet, D., dan Fua, P. (2005). *Monocular 3-D Tracking of the Golf Swing*. *CVPR*, hal 932-939.
- Yan, F., Christmas, W., dan Kittler, J. (2005). *A Tennis Ball Tracking Algorithm for Automatic Annotation of Tennis Match*. *BMVC*, hal 619-628.
- Yilmaz, A., dan Javed, O. (2006). *Object Tracking : A Survey*.
- Yoon, H.-S., J, Y.-L., dan Yang, Y.-K. (2002). *A Soccer Image Sequences Mosaicking and Analysis Method Using Line and Advertisement Board Detection*. *ETRI Journal*, hal 443-454.
- Yow, D., Yeo, B., Yeung, M., dan Liu, B. (1995). *Analysis and Presentation of Soccer Highlights from Digital Video*. *Second Asian Conf. on Compute Vision*, hal 499-503.
- Yu, X., Leong, H., Xu, C., dan Tian, Q. (2006). *Trejectory Based Ball Detection and Tracking in Broadcast Soccer Video*. *IEEE Transaction on Multimedia*, hal 1164-1178.
- Zaveri, M., Merchant, S., dan Desai, U. (2004). *Small and Fast Moving Object Detection and Tracking in Sport Video Sequences*. *ICME*, 1539-1542.
- Zhimin Fan, Jie Zhou, Dashan Gao and Zhiheng Li. (2002) *Contour Extraction and Tracking of Moving Vehicles for Traffic Monitoring*. *Proceedings IEEE International Conference on Intelligent Transportation Systems*. hal 84-87.