



DAFTAR PUSTAKA

- Aggarwal, J.K. and Xia, L., 2014. Human activity recognition from 3D data: A review. *Pattern Recognition Letters*, 48, pp.70–80.
- Alagoz, B.B., 2008. Obtaining Depth Maps From Color Images By Region Based Stereo Matching Algorithms. *OncuBilim Algorithm And System Labs*, 08(04), pp.1–13.
- Azazi, A., Lebai Lutfi, S., Venkat, I. and Fernández-Martínez, F., 2015. Towards a robust affect recognition: Automatic facial expression recognition in 3D faces. *Expert Systems with Applications*, 42(6), pp.3056–3066.
- Babaghorbani, P., Parvaneh, S., Ghassemi, A.R. and Manshai, K., 2010. Sonography Images for Breast Cancer Texture Classification in Diagnosis of Malignant or Benign Tumors. *Bioinformatics and Biomedical Engineering (iCBBE), 2010 4th International Conference on*, pp.0–3.
- Baha, N. and Larabi, S., 2012. Neural disparity map estimation from stereo image. *International Arab Journal of Information Technology*, 9(3), pp.217–224.
- Bertolini, G. and Ramat, S., 2007. Identification and recognition of objects in color stereo images using a hierachial SOM. *Proceedings - Fourth Canadian Conference on Computer and Robot Vision, CRV 2007*, pp.297–304.
- Bhavsar, A. V. and Rajagopalan, a. N., 2009. Depth estimation with a practical camera. *Proceedings of the British Machine Vision Conference 2009*, pp.104.1–104.11.
- Campbell, N.D.F., Vogiatzis, G., Hernández, C. and Cipolla, R., 2008. Using multiple hypotheses to improve depth-maps for multi-view stereo. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 5302, pp.766–779.
- Chaker, a., Kaaniche, M. and Benazza-Benyahia, A., 2015. Disparity based stereo image retrieval through univariate and bivariate models. *Signal Processing: Image Communication*, 31, pp.174–184.
- Chaki, J. and Parekh, R., 2011. Plant Leaf Recognition using Shape based Features and Neural Network classifiers. *International Journal of Advanced Computer Science and Applications (IJACSA)*, 2(10), pp.41–47.
- Chen, H. and Bhanu, B., 2009. Efficient Recognition of Highly Similar 3D Objects in Range Images. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 31(1), pp.172–179.



- Chen, X.C.X., Yang, J.Y.J., Zhang, J.Z.J. and Waibel, a., 2002. Automatic detection of signs with affine transformation. *Sixth IEEE Workshop on Applications of Computer Vision, 2002. (WACV 2002). Proceedings.*, pp.2–6.
- Costa, P. et al., 2012. Obstacle Detection using Stereo Imaging to Assist the Navigation of Visually Impaired People. *Procedia Computer Science*, 14, pp.83–93.
- Cyganek, B. and Siebert, J.P., 2009. *an Introduction To 3D Computer Vision Techniques*, John Wiley & Sons, Ltd.
- Dutta, R., Chaudhury, S. and Banerjee, S., 2004. Active recognition through next view planning: A survey. *Pattern Recognition*, 37, pp.429–446.
- Ehsanirad, A., 2010. Plant Classification Based on Leaf Recognition. (*IJCSIS International Journal of Computer Science and Information Security*, 8(4), pp.78–81.
- Elhachloufi, M., El Oirrak, A., Abotajdine, D. and Kaddioui, M.N., 2010. Affine Invariant Descriptors and Recognizing. *International Journal of Reviews in Computing*, pp.93–98.
- Fekri Ershad, S., 2011. Color Texture Classification Approach Based on Combination of Primitive Pattern Units and Statistical Features. *The International journal of Multimedia & Its Applications*, 3(3), pp.1–13.
- Fusiello, A. et al., 2000. A compact algorithm for rectification of stereo pairs. *Machine Vision and Applications*, pp.16–22.
- Gerónimo, D., Sappa, A.D., Ponsa, D. and López, A.M., 2010. 2D-3D-based on-board pedestrian detection system. *Computer Vision and Image Understanding*, 114(5), pp.583–595.
- Hasan, A.H.A., Hamzah, R.A. and Johar, M.H., 2007. Range Estimation in Disparity Mapping for Navigation of Stereo Vision Autonomous Vehicle Using Curve Fitting Tool. *International Journal of Video & Image Processing and Network Security IJVIPNS*, 9(09), pp.101–105.
- Ho, Y. and Kang, Y., 2010. Multi-view depth generation using multi-depth camera system. *International Conference on 3D Systems and Applications*, (1), pp.5–8.
- Huat, T.C. and Manap, A., 2015. ICOCOE - Evaluation of Stereo Matching Algorithms and Dynamic Programming for 3D Triangulation. In *Advanced Computer and Communication Engineering Technology Lecture Notes in*



- Electrical Engineering Volume 315.* Springer International Publishing, pp. 641–650.
- Islam, M.S., Hannan, M.A. and Basri, H., 2012. an Application of Stereo Matching Algorithm for Waste Bin. *Journal of Asian Scientific Research*, 2(11), pp.731–736.
- Jiang, F., Fischer, M., Ekenel, H.K. and Shi, B.E., 2013. Combining texture and stereo disparity cues for real-time face detection. *Signal Processing: Image Communication*, 28, pp.1100–1113.
- Kadir, A., Nugroho, L.E., Susanto, A. and Santosa, P.I., 2011. A Comparative Experiment of Several Shape Methods in Recognizing Plants. *International Journal of Computer Science & Information Technology (IJCSIT)*, 3(3), pp.256–263.
- Kadir, A., Nugroho, L.E., Susanto, A. and Santosa, P.I., 2011. Leaf Classification Using Shape, Color, and Texture Features. *International Journal of Computer Trends and Technology*, pp.225–230.
- Kamencay, P., Zachariasova, M., et al., 2012. A New Approach for Disparity Map Estimation from Stereo Image Sequences using Hybrid Segmentation Algorithm. *International Journal of Modern Engineering Research*, 2, pp.3201–3206.
- Kamencay, P., Breznan, M., et al., 2012. Improved depth map estimation from stereo images based on hybrid method. *Radioengineering*, 21, pp.79–85.
- Kamencay, P., Breznan, M., Jarina, R. and Zachariasova, M., 2012. Estimation and Image Segmentation of a Sparse Disparity Map for 3D Reconstruction. *Conf-Scoop.Org*.
- Kekre, H.B., Thepade, S.D., Sarode, A.K. and Suryawanshi, V., 2010. Image Retrieval using Texture Features extracted from GLCM, LBG and KPE. *International Journal of Computer Theory and Engineering*, 2(5), pp.695–700.
- Kodge, B.G. and Hiremath, P.S., 2011. Computer Modelling of 3D Geological Surface. *International Journal of Computer Science and Information Security (IJCSIS)*, 9(2), pp.1–5.
- Kumar, A. et al., 2014. Stereoscopic visualization of laparoscope image using depth information from 3D model. *Computer Methods and Programs in Biomedicine*, 113(3), pp.862–868.



- Lee, S. and Ho, Y., 2008. Multi-view Depth Map Estimation Enhancing Temporal Consistency. In *The 23Th International Technical Conerence on Circuits/Systems Computers and Communications (ITC-CSCC 2008)*. pp. 29–32.
- Lee, S.-B.L.S.-B., Oh, K.-J.O.K.-J. and Ho, Y.-S.H.Y.-S., 2008. Segment-Based Multi-View Depth Map Estimation Using Belief Propagation from Dense Multi-View Video. *2008 3DTV Conference: The True Vision - Capture, Transmission and Display of 3D Video*, pp.193–196.
- Lee, Y.J., 2010. 3D Object Recognition Using Octree Model and Fast Search Algorithm. *Neural Network World*, 3(10), pp.359–369.
- Lipnickas, a. and Knyš, a., 2009. A stereovision system for 3-d perception. *Elektronika ir Elektrotechnika*, 3(3), pp.99–102.
- Liu, Y., Cao, X., Dai, Q. and Xu, W., 2009. Continuous depth estimation for multi-view stereo. *2009 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops, CVPR Workshops 2009*, pp.2121–2128.
- Malik, A.S., Choi, T.-S. and Nisar, H., 2011. *Depth Map and 3D Imaging Applications: Algorithms and Technologies*, Available at: <http://www.igi-global.com/chapter/multi-view-autostereoscopic-visualization-using/60275/>.
- Marr, D. and Poggio, T., 2007. A Computational Theory of Human Stereo Vision. *Proceedings of the Royal Society of London. Series B, Biological Sciences*, 204(1156), pp.301–328.
- Materka, A. and Strzelecki, M., 1998. Texture Analysis Methods – A Review. *Methods*, 11, pp.1–33.
- Mohanaiah, P., Sathyanarayana, P. and Gurukumar, L., 2013. Image Texture Feature Extraction Using GLCM Approach. *International Journal of Scientific & Research Publication*, 3(5), pp.1–5.
- Muñoz-Salinas, R., Aguirre, E., García-Silvente, M. and Gonzalez, A., 2008. A multiple object tracking approach that combines colour and depth information using a confidence measure. *Pattern Recognition Letters*, 29, pp.1504–1514.
- Murase, H. and Nayar, S.K., 1995. Visual learning and recognition of 3-d objects from appearance (Cited by: 2071). *International Journal of Computer Vision*, 14, pp.5–24.



- Nalpantidis, L., Chrysostomou, D. and Gasteratos, A., 2009. Obtaining reliable depth maps for robotic applications from a quad-camera system. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 5928 LNNAI, pp.906–916.
- Orban, G. a., Janssen, P. and Vogels, R., 2006. Extracting 3D structure from disparity. *Trends in Neurosciences*, 29(8), pp.466–473.
- Panchal, C.S. and Upadhyay, A.B., 2014. Depth Estimation Analysis Using Sum of Absolute Difference Algorithm. *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering*, 3(1), pp.6761–6767.
- Pornpanomchai, C., 2011. Thai Herb Leaf Image Recognition System (THLIRS). *Kasetsart Journal (Nat. Sci.)*, 45(3), pp.551–562.
- Pornpanomchai, C. and Kuakiatngam, C., 2011. Leaf and Flower Recognition System (e-Botanist). *IACSIT International Journal of Engineering and Technology*, 3(4), pp.1–5.
- Ramalingam, S., 2013. 3D face recognition: Feature extraction based on directional signatures from range data and disparity maps. *Proceedings - 2013 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2013*, pp.4397–4402.
- Ruiz, L., Fdez-Sarría, A. and Recio, J., 2004. Texture feature extraction for classification of remote sensing data using wavelet decomposition: a comparative study. *International Archives of Photogrammetry and Remote Sensing*, XXXV(1), pp.1682–1750.
- Scharstein, D. and Szeliski, R., 2002. A taxonomy and evaluation of dense two-frame stereo correspondence algorithms. *International Journal of Computer Vision*, 47(1), pp.7–42.
- Seitz, S.M. et al., 2006. A Comparison and Evaluation of Multi-View Stereo Reconstruction Algorithms. *2006 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Volume 1 CVPR06*, 1, pp.519–528.
- Shapiro, L. and Stockman, G., 2001. *Computer Vision*, John Wiley & Sons, Ltd.
- Shi, D. and Shi, F., 2010. A face analysis and description algorithm based on depth information. *Proceedings 2010 IEEE International Conference on Information Theory and Information Security, ICITIS 2010*, pp.76–79.



- Singh, K., Gupta, I. and Gupta, S., 2011. A Comparison of 2D Moment Based Description Techniques for Classification of Bamboo Plant. *2011 International Conference on Computational Intelligence and Communication Networks*, pp.15–20.
- Syahputra, H., Harjoko, A., Wardoyo, R. and Pulungan, R., 2014. Plant Recognition Using Stereo Leaf Image Using Gray-Level Co-occurrence Matrix. *Journal of Computer Science*, 10(4), pp.697–704.
- Tsalakanidou, F., Tzovaras, D. and Strintzis, M.G., 2003. Use of depth and colour eigenfaces for face recognition. *Pattern Recognition Letters*, 24, pp.1427–1435.
- Tzovaras, D., Grammalidis, N. and Strintzis, M.G., 1998. Disparity field and depth map coding for multiview. *Singal Processing: Image Communication*, 11, pp.205–230.
- Varberg, D., Purcell, E. and Rigdon, S., 2008. *Calculus (9rd Edition)*, Southern Illinois University Edwardsville.
- Venkatesh, S.K. and Raghavendra, R., 2011. Local Gabor Phase Quantization Scheme for Robust Leaf Classification. *2011 Third National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics*, pp.211–214.
- Wang, C.C.L., Smith, S.S. and Yuen, M.M.F., 2002. Surface Flattening based on energy model. *Computer-Aided Desaign*, 34, pp.823–833.
- Wang, P., Shi, L. and Dong, H., 2009. Feature Extraction and Matching for Plant Images. *2009 International Conference on Computational Intelligence and Security*, (1), pp.155–159.
- Yong, Y.S. and Hon, H.W., 2008. Disparity Estimation for Objects of Interest. *Engineering and Technology*, 33, pp.553–556.
- Zhang, C. and Cohen, F.S., 2002. 3-D face structure extraction and recognition from images using 3-D morphing and distance mapping. *IEEE Transactions on Image Processing*, 11(11), pp.1249–1259.
- Zhang, R. and Zhang, Z.M., 2002. A clustering based approach to efficient image retrieval. In *14th IEEE International Conference on Tools with Artificial Intelligence, (ICTAI 2002). Proceedings*. pp. 339–346.
- Zhang, Z., 2000. A Flexible New Technique for Camera Calibration (Technical Report). *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 22, pp.1330–1334.



Zhong, Y. and Xu, B., 2006. A physically based method for triangulated surface flattening. *ScienceDirect, Computer-Aided Design*, 38, pp.1062–1073.

Zhu, L., Ma, G., Mu, Y. and Shi, R., 2009. Reconstruction 3d-models of old Beijing city stuctured light scanning. In *22nd CIPA Symposium*. pp. 3–6.

Zigelman, G., Kimmel, R., Kiryati, N. and Member, S., 2002. Texture Mapping Using Surface Flattening via Multidimensional Scaling. *IEEE Transaction on Visualization and Computer Graphics*, 8(2), pp.198–207.