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Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

[1] Hamdani, 2010, *Perancangan dan Implementasi Trajectory Point to Point dengan Metode Algoritma Genetika pada Manipulator empat DOF*, Skripsi, Institut Teknologi Sepuluh November, Surabaya.

[2] Bimantaka, B.N.W. and Harjoko, A., 2014. *Purwarupa Robot Lengan Pemilah Objek Berdasarkan Label Tulisan Secara Realtime*. IJEIS (Indonesian Journal of Electronics and Instrumentation Systems), 4(2), pp.135-146.

[3] Jensen, J.R. and Lulla, K., 1987. *Introductory digital image Processing: a remote sensing perspective*.

[4] Yulianto, A. and Ramadan, E., 2014. *Sistem Kendali Robot Manipulator Pemindah Barang dengan Umpan Balik Visual*. Jurnal Ilmiah Mikrotek, *1*(2), pp.1-8.

[5] Faris, M.F., Triwiyatno, A. and Setiawan, I., 2012. *Perancangan Arm Manipulator empat DOF Dengan Menggunakan Pengendalian Cartesian Space-Trajectory Planning*. TRANSIENT, 1(4), pp.151-158.

[6] Spong, M.W., Hutchinson, S. and Vidyasagar, M., 2006. *Robot modeling and control* (Vol. 3, pp. 187-227). New York: Wiley.

[7] Konietschke, R. and Hirzinger, G., 2009, May. *Inverse kinematics with closed form solutions for highly redundant robotic systems*. In Robotics and Automation, 2009. ICRA'09. IEEE International Conference on (pp. 2945-2950). IEEE.

[8] Alassar, A.Z., Abuhadrous, I.M. and Elaydi, H.A., 2010, February. *Modeling and control of 5 DOF robot arm using supervisory control*. In Computer and Automation Engineering (ICCAE), 2010 The 2nd International Conference *on* (Vol. 3, pp. 351-355). IEEE.

[9] Mark W. Spong, Seth dan M. Vidyasagar 2004, *Robot Dynamics and Control*, New York, NY, USA.

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[10] Hamdani, 2010, *Perancangan dan Implementasi Trajectory Point to Point dengan Metode Algoritma Genetika pada Manipulator empat DOF*, Skripsi, Institut Teknologi Sepuluh November, Surabaya.

[11] Harjoko, A., 2013. *Analisis Kinematika Balik pada Kendali Robot Lengan Dental Light Berbasis Pengolahan Citra Digital Berdasarkan Isyarat Tangan.* (Doctoral dissertation, Universitas Gadjah Mada).

[12] Putra, A.E., 2013. *Integrasi Kendali Lengan Robot Berbasis Inverse Kinematic Dan Isyarat Suara* (Doctoral dissertation, Universitas Gadjah Mada).

[13] Sutoyo. T, Mulyanto. Edy, Suhartono., 2009. Vincent, Dwi Nurhayati Oky, Wijanarto, " *Teori Pengolahan Citra Digital* ", Andi Yogyakarta dan UDINUS Semarang.

[14] Aryuanto, Somawirata Komang, Limpraptono. F. Yudi,. 2009. "*A New Color Segmentation Method Based on Normalized RGB Chromaticity Diagram*" , ISSN 2085 – 973, Seminar on Intelligent Technology and Its Applications.

[15] KONG Wan-zeng, ZHU Shan-an,. 2006 . "*Multi-face detection based on downsampling and modified subtractive clustering for color images*",Journal of Zhejiang University SCIENCE A, ISSN 10093095 (Print); ISSN 1862-1775 (Online), Received Jan. 9, 2006; revision accepted Aug. 2.

[16] Dimitrova Desislava, Popov Antony,. 2008. "*Finding face features in color images using fuzzy hit-or-miss transform* ", 9th WSEAS International Conference on FUZZY SYSTEM (FS'08) which was held in Sofia, Bulgaria.

[17] McAndrew Alasdair,. 2004. *An Introduction to Digital Image Processing with Matlab*. Notes for SCM2511 Image Processing 1, School of Computer Science and Mathematics Victoria University of Technology.

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Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

[18] Jähne Bernd, Haußecker Horst,. 2000. "*Computer Vision and Applications* ", San Diego, California, Academic Press.

[19] Kusumanto, R.D. and Tompunu, A.N., 2011. Pengolahan citra digital untuk mendeteksi objek menggunakan pengolahan warna model normalisasi RGB. Semantik, 1(1).

[20] Mustar, M.Y., Santos, P.I. and Hartanto, R., 2014. *Perancangan Model Interaksi Manusia dan Robot Dalam Bentuk Tampilan Visual Pada Komputer*. *SEMNASTEKNOMEDIA ONLINE*, *2*(1), pp.1-10.

[21] https://www.servocity.com/hs-422-servo.

[22] Mega, A., 2560: http://arduino. cc/en. Main/arduinoBoardMega2560.

[23] https://www.robotshop.com/media/files/pdf/arduinomega2560datasheet.pdf.

[24] http://shiffman.net/p5/kinect

[25] https://www.onsemi.com/pub/Collateral/LM2596-D.PDF

[26] https://www.arduino.cc/en/Main/Software

[27] Mulyawan, H., 2011. Identifikasi Dan Tracking Objek Berbasis Image Processing Secara Real Time. EEPIS Final Project.