

DAFTAR PUSTAKA

- [1] F. Dhio, E. Steven, Ilham Syawal. *i-Therapy (Independent Post Stroke Therapy)*. Yogyakarta: Gemastik Universitas Gadjah Mada 2015, 2015.
- [2] G. Vijaya Kumar, Dr. Y. Padma Sai, V. Naveen Kumar, A. Prathibha. “*Hand Gesture Recognition Using Accelerometer For Disabled*”. India: International Journal of Science, Engineering and Technology Research (IJSETR), December 2014.
- [3] Yudhaniristo. *Prototipe Alat Monitoring Radioaktivitas Lingkungan, Cuaca dan Kualitas Udara Secara Online dan Periodik Berbasis Arduino*. Universitas Islam Negeri Syarif Hidayatullah, Jakarta, 2014.
- [4] Julien Bayle. *C Programming for Arduino*. Mumbai: PACKT publishing, Birmingham, May 2013.
- [5] Rizka Yuliana. *Perancangan Sistem Pemantaua Temperatur dan Kelembaban Ruang Rawat Inap Pasien Secara Nirkabel dan Realtime*. Skripsi, Jurusan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, 2014.
- [6] FDDBS, tim teknis *Innovative Electronics*. *Ar_komic2iic.pdf*.
- [7] Isaacs, B., 1983, *Understanding Stroke Illness*. Chest, Heart, and Stroke Association, London.
- [8] Thompson, S.B.N, *A stochastic model of cerebrovascular accident prognosis*. PhD Thesis, School of Information Science. Portsmouth Polytechnic, Portsmouth, UK, 1987.
- [9] B.N. Thompson, Simon., Morgan, Maryanne., 1990, *Occupational Therapy For Stroke Rehabilitation*, Chapman and Hall, Suffolk.
- [10] Harsono, 1996, *Buku Ajar Neurologi Klinis*. Penerbit Gadjah Mada Press. Yogyakarta.
- [11] Luft, A. R., Hafer-Macko, Charlene, Schallert, Timothy., 2009, *Physiological Basis of Rehabilitation Therapeutics in Stroke*, In: Stein, Joel., Harvey, R.L., Macko, R.F., Winstein, C.J., Zorowitz, R.D., eds, *Stroke Recovery and Rehabilition*, Demos Medical Publishing, New York, pp. 145 – 152.
- [12] Hoeman, P., 1996, *Rehabilitation Nursing: Process and Application*. Second Edition. Mosby Year Book, Inc, St. Louis, USA.

- [13] Shephard, Roberta., Carr, Janet., 2003, *Stroke Rehabilitation*, Elsevier science, China.
- [14] Philips Semiconductors, 2000, The I²C-Bus Specification Version 2.1, Endhoven, The Netherlands: NXP Semiconductors Inc.
- [15] Paul Otten, Sang Hyuk, Jonghyun Kim. “Automating Stroke Patient Evaluation using Sensor Data and SVM”. IEEE 7th International Conference on Service-Oriented Computing and Applications, 2014.
- [16] Zunyi Tang, Masaki Sekine, Toshiyo Tamura, Noriko Tanaka, Masaki Yoshida, Wenxi Chen. “*Measurement and Estimation of 3D Orienting using Magnetic and Inertial Sensors*”. Advanced Biomedical Engineering 4, 2015.
- [17] Hsin-Ta Li, Jheng-Jie Huang, Chien-Wen Pan, Heng-I Chi, Min-Chun Pan. “*Inertial Sensing Based Assessment Methods to Quantify the Effectiveness of Post-Stroke Rehabilitation*”. Basel: Sensors, July 2016.
- [18] C. Shirley, C. James, D. Jennifer, S. Mathilde, M. Eoghan, O’Quigley Conor, M. Kieran, C. Joan, C. Kevin, D. Dermot. “*Personal sensing wear: The role of textile sensors*”. Ireland: INSIGHT Initiative.
- [19] R. Boian, A. Sharma, A. Merians, G. Burdea, S. Adamovich, M. Recce, M. Tremaine, H. Poizner. “*Virtual Reality-Based Post-Stroke Hand Rehabilitation*”. Newport Beach: Proceedings of Medicine Meets Virtua Reality Conference, January 2002.
- [20] Jacob Fraden. *Handbook of Modern Sensor*. London: Springer Science+Business Media, 2010.
- [21] Ernest Doebelin. “*Measurement System Application and Design*”. Third Edition. McGraw-Hill, Inc. 1983.
- [22] T. Bräunl, *Embedded Robotics: Mobile Robot Design and Applications with Embedded Systems*. Springer, 2003.
- [23] InvenSense, *MPU-6000/MPU-6050 Evaluation Board User Guide*. Borregas Ave., Sunnyvale, USA: InvenSense, Inc. 2011.
- [24] Harinaldi. “*Prinsip Statistik untuk Teknik dan Sains*”. Departemen Teknik Mesin, Fakultas Teknik, Universitas Indonesia, 2005.

[25] “Arduino Nano”. [online]. Available:

<https://www.arduino.cc/en/uploads/Main/ArduinoNanoManual23.pdf>. [Diakses 12 Agustus 2016].

[26] FDBS, tim teknis Innovative Electronics. *Ar_komic2iic.pdf*. [Diakses 12 Agustus 2016].

[27] A. Marcelo, J. Finn Edward. “*DASAR-DASAR FISIKA UNIVERSITAS*”. Jakarta: Erlangga.

[28] “data raw definition”. [online]. Available: <https://www.techterms.com/definition/rawdata>. [Diakses pada 19 Agustus 2016].

[29] InvenSense, *MPU-6000 and MPU-6050 Product Specification*. Borregas Ave., Sunnyvale, USA: InvenSense, Inc. 2013.

[30] “MPU6050”. [online]. Available: <http://fritzing.org/projects/mpu-6050-board-gy-521-acelerometro-y-girosopio>. [Diakses 26 Agustus 2016].

[31] “Arduino Nano 3.0”. [online]. Available: <http://www.behind-the-scenes.co.za/getting-started-with-the-arduino-nano/>. [Diakses 26 Agustus 2016].

[32] C. Vikas, I. Krzysztof. “*MEMS: Fundamental Technology and Applications*”. 6000 Broken Sound Parkway NW: Taylor & Francis Group, LLC, 2013.

[33] “how gyroscope mechatronics”. [online]. Available: <http://howtomechatronics.com/how-it-works/electrical-engineering/mems-accelerometer-gyrocope-magnetometer-arduino/>. [Diakses 1 September 2016].

[34] “referensi sumbu rotasi yaw pitch roll”. [online]. Available: <http://aktifisika.blogspot.co.id/2012/12/berputar-pada-tiga-sumbu-pitch-roll-yaw.html>. [Diakses 14 September 2016].