

## DAFTAR PUSTAKA

- Andre., 2018. *Tutorial Belajar C Part 1: Pengertian Bahasa Pemrograman C*. 2 September. <https://www.duniaikom.com/tutorial-belajar-c-pengertian-bahasa-pemrograman-c/>.
- Arduino., 2019. *About Us*. 8 May. <https://www.arduino.cc/en/Main/AboutUs>.
- . 2019. *Products*. 8 May. <https://store.arduino.cc/usa/mega-2560-r3>.
- Aulia, Citra.. 2019. *Pengertian Endoskeleton dan eksoskeleton*. 17 June. <https://www.sridianti.com/pengertian-endoskeleton-dan-eksoskeleton.html>.
- Brosense., 2014. *Memahami Prinsip Kerja Rangkaian H-Bridge*. 3 December. <http://lang8088.blogspot.com/2014/12/memahami-prinsip-kerja-rangkaian-h.html>.
- Burgar, C G; Lum, P S; Shor, P C; Machiel, Van der Loos HF., 2000. "Development of robots for rehabilitation therapy: the Palo Alto VA/Stanford experience." *J Rehabil Res Dev* 663-673.
- Dalgas, Ulrik; Stenager, Egon; Hansen, Thorsten., 2007. "Review: Multiple sclerosis and physical exercise: recommendations for the application of resistance-,endurance- and combined training." *Multiple Sclerosis* 35-53.
- David, J Reinkensmeyer; Julius, P A Dewald; William, Z Rymer., 1999. "Guidance-based quantification of arm impairment following brain injury: A pilot study." *IEEE Transactions on Rehabilitation Engineering* 1-11.
- Etorre, E Cavallaro; J, Rosen; J, C Perry; S, Burns., 2006. "Real-Time Myoprocessors for a Neural Controlled Powered Exoskeleton Arm." *IEEE Transactions on Biomedical Engineering* 2387-2396.
- Guido, Danieli; Giorgia, Lupinacci; Paola, Nudo; Vincenzo, Loiero., 2009. "Design and simulation of a self - balanced rehabilitation Robot able to work in active and passive modes on both sides of upper and lower limbs." *in Dipartimento di Ingegneria Meccanica, Energetica e Gestionale* 2-8.
- Hariandya, Johanna R. O., 2013. "Identifikasi Kebutuhan akan Slistem Rehabilitasi Berbasis Teknologi Terjangkau untuk Penderita Stroke di Indonesia." *Lembaga Penelitian dan Pengabdian kepada Masyarakat Universitas Katolik Parahyangan* 2-7.
- Hyung-Soon, Park; Yupeng, Ren; Li-Qun, Zhang., 2008. "IntelliArm: An Exoskeleton for Diagnosis and Treatment of Patients with Neurological Impairments." *Proceedings of the 2nd Biennial IEEE/RAS-EMBS International* 109-114.
- Innovative Electronics., 2008. *Innovative Electronics*. 23 June. [http://www.innovativeelectronics.com/index.php?pg=ie\\_pdet&idp=175](http://www.innovativeelectronics.com/index.php?pg=ie_pdet&idp=175).
- Jain, Abhinav., 2018. *What is a bang-bang controller?* 8 January. <https://www.quora.com/What-is-a-bang-bang-controller>.

- Jawett, Serway., 2012. *Physic for Science and Engineering*.
- Kevin, Adrian., 2018. *Terapi Pasca Stroke Untuk Mengembalikan Kualitas Hidup*. 15 October. <https://www.alodokter.com/terapi-stroke-untuk-mengembalikan-kualitas-hidup>.
- Kho, Dickson., 2013. *Pengertian Motor DC dan Prinsip Kerjanya*. 17 May. <https://teknikelektronika.com/pengertian-motor-dc-prinsip-kerja-dc-motor/>.
- Kwakkel, G; Wagenaar, RC; Twisk, JW; Lankhorst, GJ; Koetsier, JC., 1999. "Intensity of leg and arm training after primary middle-cerebral-artery stroke: a randomised trial." *Lancet* 191-196.
- Meilanita, Joyce., 2019. *Di Ujung Kantilever*. 12 July. <https://www.arsitag.com/article/di-ujung-kantilever>.
- Munandar, Aris., 2012. *Liquid Crystal Display (LCD) 16 x 2*. 27 June. <http://www.leselektronika.com/2012/06/liquid-crystal-display-lcd-16-x-2.html>.
- Saktiaji, Anindita., 2012. *Free Real Time Operating Systems (FreeRTOS)*. 14 May. <https://aninditablog.wordpress.com/2012/05/14/free-real-time-operating-systems-freertos/>.
- Sedyaningsih, Endang Rahayu., 2011. *Stroke Penyebab Utama Kematian di Indonesia*. Jakarta: Menteri Kesehatan.
- Tobias, Nef; Matjaz, Mihelj; Gabriela, Kiefer; Christina, Perndl; Muller, Roland; Robert, Riener., 2005. "ARMin – Exoskeleton for Arm Therapy in Stroke Patients." in *Proc. Int. Conf. Rehab. Robotics, Chicago* 57-60.