DAFTAR PUSTAKA

alatuji. (n.d.). *product*. Retrieved Oktober 31, 2020, from alatuji:

    https://www.alatuji.com/index.php?/kategori/529/ph-meter

Alfi, B. (2010). *Linguistic Fuzzy Logic Methods in Social Sciences.* Berlin: Sprienger.

Alviani, P. (2015). *Bertanam Hidroponik untuk Pemula.* Jakarta: Bibit Publisher.

Arduino. (2018, Februari 06). *environment*. [Online]

Available at : https://www.arduino.cc/en/Guide/Environment

[Diakses 31 Oktober 2020]

Arduino. (2020). *Create*.[Online]

Available at : https://www.arduino.cc/en/Main/Create

[Diakses 31 Oktober 2020]

Barrett, S. F. (2013). *Arduino Microcontroller Processing for Everyone! Third Edition* .

    Texas: Morgan & Claypool Publishers series .

Chidiac, J. R. (2017). Shallow Aggregate Ebb-and-Flow System for Greenhouse Lettuce

    Production. *Theses and Disertations*, 8-9.

Eremia, M., Liu, C., & Edris, A. (2016). *Advanced solutions in power systems: HVDC,*

    FACTS, and Artificial Intelligence. Amerika Serikat: John Wiley and Sons.

Faudin, A. (2017, Desember 13). *tutorial-arduino-mengakses-sensor-ultrasonic-hc-sr04*.

    [Online]

Available at :www.nyebarilmu.com: https://www.nyebarilmu.com/tutorial-arduino-

    mengakses-sensor-ultrasonic-hc-sr04/

[Diakses 25 Desember 2020]

Faudin, A. (2019, Februari 16). *tutorial-mengakses-turbidity-sensor-atau-sensor-kekeruhan-*

    air.[Online]

Available at : www.nyebarilmu.com: https://www.nyebarilmu.com/tutorial-mengakses-

    turbidity-sensor-atau-sensor-kekeruhan-air

[Diakses 31Oktober 2020]

Gahndi, O., Ramdhani, M., Murt, M. A., & Setianingsih, C. (2019). Water Flow Control System Based on Context Aware Algorithm and IoT for Hydroponic. *IEEE International Conference on Internet of Things and Intelligence System (IoTaIS)*, 212-217.

Haryanto, T. (2016, Januari 13). *analog-input-pada-arduino*.[Online]

Available at : www.codepolitan.com: https://www.codepolitan.com/analog-input-pada-arduino

[Diakses: 26 Januari 2021]

Hassan, Q. F. (2018). *Internet of Things A to Z: Technologies and Applications.* Wiley-IEEE Press.

Heriwibowo, K., & Budiana. (2003). *Hidroponik Syuran : untuk Hobi dan Bisnis.* Jakarta: Penerbar Swadaya.

Kadir, A. (2015). *Buku Pintar Pemrograman Arduino.* Yogyakarta: Mediakom.

Kurniawan, B. A. (2015). Alat Penyiraman Tanaman Otomatis dengan Logika Fuzzy Berbasis ATMega16. *Universitas Negeri Yogyakarta*, 2-3.

Kusumadewi, S. (2002). *Analisis Desain Sistem Fuzzy Menggunakan Tool Box Matlab.* Yogyakarta: Graha Ilmu.

Kusumadewi, S., & Hartati, S. (2006). *Neuro-Fuzzy: Integrasi Sistem Fuzzy dan Jaringan Syaraf.* Yogyakarta: Graha Ilmu.

Musa, P., Sugeru, H., & Mufza, H. F. (2020). An intelligent applied Fuzzy Logic to prediction the Parts per Million (PPM) as hydroponic nutrition on the based Internet of Things (IoT). *2019 Fourth International Conference on Informatics and Computing (ICIC)*, 3-4.

Nakkhde, S. (2018, Mei 09). *understanding-confusion-matrix-a9ad42dcfd62*.[Online]

Available at : towardsdatascience: https://towardsdatascience.com/understanding-confusion-matrix-a9ad42dcfd62

[Diakses : 25 November 2020]

Ovidiu Vermesan, P. F. (2013). *Internet of Things: Converging Technologies for Smart Environments and Integrated Ecosystems.* Denmark: River Publishers.

Passino, K. M., & Yurkovich, S. (1998). *Fuzzy Control.* California: Prentice-Hall.

Patel, K. K., & Patel, S. M. (2016). Internet of Things-IoT: Definition, Characteristics, Architecture, Enabling Technologies, Application & Future Challenges. *International Journal of Engineering Science and Computing, 6*(5), 6122-6123.

Pedrycz, W., & Gomide, F. (2007). *Fuzzy Systems Engineering: Toward Human-Centric Computing.* Canada: John Wiley & Sons.

Ratama, N., & Munawaroh. (2019). *Konsep Kecerdasan Buatan dengan Pemahman Logika Fuzzy dan Penerapan Aplikasi.* Tangerang Selatan: Uwais Inspirasi Indonesia.

Rosliani, R., & Sumarni, N. (2005). *Budidaya tanaman sayuran dengan sistem hidroponik.* Bandung: Balai Penelitian Tanaman Sayuran.

Rozaq, I. A., & Setyaningsih, N. Y. (2018). Karakterisasi dan Kalibrasi Sensor pH Menggunakan Arduino Uno. *Prosiding SENDI_U* , 246.

Rusli, M. (2017). *Dasar Perancangan Kendali Logika Fuzzy.* Malang, Indonesia: UB Press.

Saputra, D. I., Najmurrokhman, A., & Fakhri, Z. (2019). Skema Implementasi Fuzzy Inference System Tipe Sugeno Sebagai Algoritma Pengendali Pada Sistem Pengamatan Berbasis IoT. *Prosiding Semnastek*.

Sutiyoso, Y. (2018). *100 Kiat Sukses Hidroponik.* Jakarta: PT Trubus Swadaya.

Timothy, J. R. (2010). *Fuzzy Logic with Engineering Aplications.* United Kingdom: Wiley.

Wadu, R. A., Ada, Y. S., & Panggalo, I. U. (2017). Rancang Bangun Sistem Sirkulasi Air Pada Akuarium/Bak Ikan Air Tawar Berdasarkan Kekeruhan Air Secara Otomatis. 2.

Wu, T.-H., Chang, C.-H., Lin, Y.-W., & Van, L.-D. (2016). Intelligent Plant Care Hydroponic Box Using IoTtalk. *IEEE International Conference on Internet of Things (iThings) and IEEE Green Computing and Communications (GreenCom)and IEEE Cyber, Physical and Social Computing (CPSCom) and IEEE Smart Data (SmartData)*, 398-399.

Zimmerman, H.-J. (2001). *Fuzzy Set Theory-and Its Aplications, Fourth Edition.* New York: Kluwer Academic Publishers.