

DAFTAR PUSTAKA

- [1] W. H. Organization, “Levels and trends in child malnutrition: UNICEF,” 2021, [Online]. Available:
<https://apps.who.int/iris/bitstream/handle/10665/341135/9789240025257-eng.pdf?sequence=1>
- [2] S. L. Munira, “Hasil Survei Status Gizi Indonesia (SSGI) 2022.” 2022.
- [3] A. S. Vaidya, G. Makkenna, V. Srihari, M. B. Srinivas, and S. K. Rao, “A sustainable solution for monitoring malnutrition in children in developing countries,” in *2013 IEEE Global Humanitarian Technology Conference: South Asia Satellite (GHTC-SAS)*, IEEE, 2013, pp. 170–174.
- [4] K. G. Dewey and K. Begum, “Long-term consequences of stunting in early life,” *Matern Child Nutr*, vol. 7, pp. 5–18, 2011.
- [5] U. Umiatin, W. Indrasari, T. Taryudi, and A. F. Dendi, “Development of a Multisensor-Based Non-Contact Anthropometric System for Early Stunting Detection,” *Journal of Sensor and Actuator Networks*, vol. 11, no. 4, p. 69, 2022.
- [6] C. B. Jorge and C. P. Doris, “Z-score anthropometric indicators derived from NCHS-1977, CDC-2000 and WHO-2006 in children under 5 years in Central Area of Peru,” *Univers J Public Health*, vol. 2, no. 2, pp. 73–81, 2014.

- [7] W. H. Organization, “Recommendations for data collection, analysis and reporting on anthropometric indicators in children under 5 years old,” 2019.
- [8] W. S. Pambudi and I. Suhendra, “Perbaikan respon *output* menggunakan implementasi Kalman filter pada simulasi pembacaan sensor beban load cell,” in *Seminar Nasional Sains Dan Teknologi Terapan*, 2015, pp. 141–150.
- [9] H. Qian, J. Liu, and Y. Wu, “A Self-Service Scheme of Infant Scale for Height and Weight,” in *2019 IEEE MTT-S International Microwave Biomedical Conference (IMBioC)*, IEEE, 2019, pp. 1–3.
- [10] Umiatin, S. M. Erlandita, and W. Indrasari, “Design baby mass and height monitoring system based on Arduino and *Android* application,” in *AIP Conference Proceedings*, AIP Publishing LLC, 2019, p. 30013.
- [11] E. T. Ardianto, A. D. Elisanti, and H. Husin, “Arduino and *Android*-Based Anthropometric Detection Tools for Indonesian Children,” in *2nd International Conference on Social Science, Humanity and Public Health (ICOSHIP 2021)*, Atlantis Press, 2022, pp. 254–259.
- [12] S. Pitawala, “State estimation for dynamic weighing using Kalman filter,” in *Journal of Physics: Conference Series*, IOP Publishing, 2020, p. 012017.

- [13] M. Halimic and W. Balachandran, “Kalman filter for dynamic weighing system,” in *1995 Proceedings of the IEEE International Symposium on Industrial Electronics*, IEEE, 1995, pp. 786–791.
- [14] M. De Onis *et al.*, “Prevalence thresholds for wasting, overweight and stunting in children under 5 years,” *Public Health Nutr*, vol. 22, no. 1, pp. 175–179, 2019.
- [15] I. L. Gabain, A. S. Ramsteijn, and J. P. Webster, “Parasites and childhood stunting—a mechanistic interplay with nutrition, anaemia, gut health, microbiota, and epigenetics,” *Trends Parasitol*, 2023.
- [16] A. Soliman *et al.*, “Early and long-term consequences of nutritional stunting: from childhood to adulthood,” *Acta Bio Medica: Atenei Parmensis*, vol. 92, no. 1, 2021.
- [17] M. F. Siahaan, A. Rahmatika, and S. R. Nadhiroh, “Literature Review: Food Supplement Intervention to Increase Z-score Height for Age in Stunting Children,” 2023.
- [18] A. J. Prendergast and J. H. Humphrey, “The stunting syndrome in developing countries,” *Paediatr Int Child Health*, vol. 34, no. 4, pp. 250–265, 2014.
- [19] S. Helmyati, D. R. Atmaka, S. U. Wisnusanti, and M. Wigati, *STUNTING: Permasalahan dan Penanganannya*. UGM PRESS, 2020. [Online].

Available:

<https://books.google.com/books?hl=id&lr=&id=P K3qDwAAQBAJ&oi=fnd&pg=PA1&dq=stunting&ots=447JVq1UXB&sig=HKrDpIVRsEwkaaHZ0rIhDp1kp7o>

- [20] C. N. Rachmi, K. E. Agho, M. Li, and L. A. Baur, “Stunting, underweight and overweight in children aged 2.0–4.9 years in Indonesia: prevalence trends and associated risk factors,” *PLoS One*, vol. 11, no. 5, p. e0154756, 2016.
- [21] N. Cameron, M. A. Preece, and T. J. Cole, “Catch-up growth or regression to the mean? Recovery from stunting revisited,” *American Journal of Human Biology: The Official Journal of the Human Biology Association*, vol. 17, no. 4, pp. 412–417, 2005.
- [22] I. Azijah and A. R. Adawiyah, *Pertumbuhan dan Perkembangan Anak: Bayi, Balita, dan Usia Prasekolah*. Penerbit Lindan Bestari, 2020.
- [23] A. Aron and E. N. Aron, *Statistics for psychology*. Prentice-Hall, Inc, 1999.
- [24] C. G. Sutcliffe *et al.*, “Weight and height *z*-scores improve after initiating ART among HIV-infected children in rural Zambia: a cohort study,” *BMC Infect Dis*, vol. 11, pp. 1–7, 2011.
- [25] D. Haile, D. Nigatu, K. Gashaw, and H. Demelash, “Height for age *z* score and cognitive function are associated with Academic performance among

school children aged 8–11 years old,” *Archives of Public Health*, vol. 74, no. 1, pp. 1–7, 2016.

- [26] R. I. Kemenkes, “Standar Antropometri Anak,” *Standar Antropometri Anak*, vol. 21, no. 1, pp. 1–9, 2020.
- [27] R. A. Putri, S. Sendari, and T. Widyaningtyas, “Classification of toddler nutrition status with anthropometry calculation using Naïve Bayes Algorithm,” in *2018 International Conference on Sustainable Information Engineering and Technology (SIET)*, IEEE, 2018, pp. 66–70.
- [28] T. Mahmudiono, *Child stunting in households with double burden of malnutrition: Applications of behavioral epidemiology*. Kansas State University, 2016.
- [29] M. Afdali, M. Daud, and R. Putri, “Perancangan alat ukur digital untuk tinggi dan berat badan dengan output suara berbasis arduino uno,” *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 5, no. 1, p. 106, 2017.
- [30] D. Nurlette and T. K. Wijaya, “Perancangan Alat Pengukur Tinggi Dan Berat Badan Ideal Berbasis Arduino,” *Sigma Teknika*, vol. 1, no. 2, pp. 172–184, 2018.
- [31] Y. Mukhammad, A. Santika, and S. Haryuni, “Analisis Akurasi Modul Amplifier HX711 untuk Timbangan Bayi,” *Jurnal Teknik Elektromedik Indonesia*, vol. 4, no. 1, 2022.

- [32] M. Babiuch, P. Foltýnek, and P. Smutný, “Using the ESP32 microcontroller for data processing,” in *2019 20th International Carpathian Control Conference (ICCC)*, IEEE, 2019, pp. 1–6.
- [33] P. Rai and M. Rehman, “ESP32 based smart surveillance system,” in *2019 2nd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET)*, IEEE, 2019, pp. 1–3.
- [34] A. Maier, A. Sharp, and Y. Vagapov, “Comparative analysis and practical implementation of the ESP32 microcontroller module for the internet of things,” in *2017 Internet Technologies and Applications (ITA)*, IEEE, 2017, pp. 143–148.
- [35] G. H. Prabowo, M. R. Mak’ruf, S. Sumber, L. Soetjiati, and B. Utomo, “Perancangan Stetoskop Elektronik Portable,” *Jurnal Teknokes*, vol. 12, no. 1, pp. 39–44, 2019.
- [36] A. Ma’arif, I. Iswanto, A. A. Nuryono, and R. I. Alfian, “Kalman filter for noise reducer on sensor readings,” *Signal and Image Processing Letters*, vol. 1, no. 2, pp. 50–61, 2019.
- [37] G. F. Welch, “Kalman filter,” *Computer Vision: A Reference Guide*, pp. 1–3, 2020.
- [38] D. Buchstaller, J. Liu, and M. French, “The deterministic interpretation of the Kalman filter,” *Int J Control*, vol. 94, no. 11, pp. 3226–3236, 2021.

- [39] F. K. Ikhsan, F. Fahurian, and A. Hafiz, “Rancang Bangun Aplikasi *Cloud Storage* Dengan Angular dan Firebase Berbasis *Android*,” *Expert: Jurnal Manajemen Sistem Informasi Dan Teknologi*, vol. 9, no. 2, pp. 43–49, 2019.
- [40] M. P. Lukman, D. Widyaningsih, A. Lawi, and A. Asmila, “Sistem Deteksi Penyakit Aritmia Berdasarkan Jumlah Detak Jantung Berbasis Internet of Things dan *Cloud Storage*,” in *Seminar Nasional Teknik Elektro dan Informatika (SNTEI)*, 2023, pp. 310–315.

Halaman ini sengaja dikosongkan