

DAFTAR PUSTAKA

- [1] E. L. Achadi, “Kematian Maternal dan Neonatal di Indonesia,” *Rakerkernas 2019*, pp. 1–47, 2019.
- [2] S. S. Sarimawar Djaja, “Penyebab Kematian Bayi Baru Lahir (Neonatal) dan Sistem Pelayanan Kesehatan Yang berkaitan Di Indonesia SKRT 2001, Puslitbang Ekonomi Kesehatan dan Badan Litbangkes,” *Bul.Penel.Kesehatan*, vol. vol.31.No3, pp. 155–165, 2003.
- [3] The American College of Obstetricians and Gynecologists, “Special tests for monitoring fetal health.,” *Faq*, 2018.
- [4] N. Amira *et al.*, “Home based fetal heart rate monitor Home Based Fetal Heart Rate Monitor,” no. January, 2017.
- [5] Nuryati, “Rancang bangun alat pendeteksi dan penghitung detak jantung dengan asas doppler skripsi,” 2010.
- [6] “Doppler portable,” vol. 7, no. 2, pp. 644–649, 2012.
- [7] K. Dan and S. Intelijen, “Teknologi Informasi Dan Komunikasi (Tik) Untuk Ketahanan Nasional,” *Komput. Dan Sist. Intelijen*, vol. 7,

no. 2302–3740, pp. 311–316, 2012, [Online]. Available:
<http://penelitian.gunadarma.ac.id/kommit>.

- [8] R. Nurmala, *Implementasi Dan Analisis Fetal Doppler Untuk Mendeteksi Detak Jantung Janin Dengan Pengolahan Sinyal Digital*. 2015.
- [9] B. Adiguna, A. Rizal, and U. B. Hanafi, “APLIKASI PENGUKURAN DENYUT JANTUNG JANIN BERBASIS ULTRASONIC DOPPLER FETUS MONITOR,” 2007.
- [10] M. R. Makruf, “Perancangan filter digital pada fetal doppler,” vol. 8, no. 1, pp. 705–710, 2013.
- [11] Affandy, “NON STRESS TEST TAMPIL PC,” pp. 1–8, 2016.
- [12] V. Chourasia and A. Mitra, “Passive Acoustic Signal Acquisition System for Non- Invasive Fetal Heart Sound Monitoring Applications .,” vol. 5, no. 1, pp. 1–8, 2008.
- [13] E. N. E. Marieb and K. Hoehn, *Human Anatomy & Physiology, Ninth Edition*, vol. 7. 2006.
- [14] J. C. P. Ferreira *et al.*, “The evolution of fetal presentation during pregnancy: A retrospective, descriptive cross-sectional study,” *Acta Obstet.*

Gynecol. Scand., vol. 94, no. 6, pp. 660–663, 2015, doi: 10.1111/aogs.12626.

- [15] D. N. White, G. R. Curry, and R. J. Stevenson, “The acoustic characteristics of the skull,” *Ultrasound Med. Biol.*, vol. 4, no. 3, 1978, doi: 10.1016/0301-5629(78)90054-6.
- [16] J. W. Wladimiroff, P. A. Stewart, and R. P. L. Vosters, “Fetal cardiac structure and function as studied by ultrasound,” *Clin. Cardiol.*, vol. 7, no. 5, pp. 239–253, 1984, doi: 10.1002/clc.4960070501.
- [17] N. Chabibah, “Perbedaan frekuensi denyut jantung janin berdasarkan paritas dan usia kehamilan,” vol. 6, no. 1, pp. 195–198, 2017.
- [18] I. S. Faradisa, T. A. Sardjono, and M. H. Purnomo, “TEKNOLOGI PEMANTAUAN KESEJAHTERAAN JANIN,” pp. 1–6, 2017.
- [19] P. Hamelmann *et al.*, “Doppler Ultrasound Technology for Fetal Heart Rate Monitoring: A Review,” *IEEE Trans. Ultrason. Ferroelectr. Freq. Control*, vol. 67, no. 2, pp. 226–238, 2020, doi: 10.1109/TUFFC.2019.2943626.
- [20] R. E. Saputro, “IIR_Filter.” 2015.
- [21] R. Pal, “Comparison of the design of FIR and IIR filters for a given specification and removal of phase distortion from IIR filters,” *Int. Conf.*

Adv. Comput. Commun. Control 2017, ICAC3 2017, vol. 2018-Janua, pp. 1–3, 2018, doi: 10.1109/ICAC3.2017.8318772.

- [22] W. Hooker, “Properties Ceramics of PZT-Based Piezoelectric and 250 ° C,” no. September 1998, 2019.
- [23] M. Nassit and H. Berbia, “Non-invasive technologies of fetal heart rate diagnosis,” *Proc. 2015 IEEE World Conf. Complex Syst. WCCS 2015*, 2016, doi: 10.1109/ICoCS.2015.7483228.
- [24] Nextion, “NX8048T050,” *Nextion*, vol. 050, 2017.
- [25] Arduino, “Arduino Mega 2560 Datasheet,” 2005.