

## DAFTAR PUSTAKA

- [1] Dr. Tjokorda Istri Anom Saturti, SpPD - Sistem pernafasan. Penerbit Fakultas Kedokteran Universitas Udayana (2017)
- [2] Tambunan, Evander Oktapian Herodian, Sam, “Deteksi Peningkatan Denyut Jantung Manusia Berdasarkan Perubahan Warna Kulit dengan Menggunakan Kamera Inframerah” IPB University Scientific Repository, 2020.
- [3] Riza Agung Firmansyah, Yuliyanto Agung Prabowo, Titiek Suheta, “Rancang Bangun Pengukur Detak Jantung Non Kontak Menggunakan Pencitraan Termal untuk Robot Security” Institut Teknologi Adhi Tama Surabaya Indonesia, 2022.
- [4] Martin Clinton Tosima Manullang, Yuan-Hsiang Lin, Sheng-Jie Lai, Nai-Kuan Chou, “Implementation of Thermal Camera for Non-Contact Physiological Measurement: A Systematic Review”, MDPI, 23 November 2021, [Online]. Tersedia : <https://www.mdpi.com/1424-8220/21/23/7777/htm>
- [5] Dr. Fadhli Rizal Makarim, “Berapa Detak Jantung Normal Berdasarkan Usia?”, Halodoc, 25 November 2021, [Online]. Available: <https://www.halodoc.com/artikel/berapa-detak-jantung-normal-berdasarkan-usia>.
- [6] Dr. Sienny Agustin, “Ciri Detak Jantung Normal dan Gangguan yang Bisa Terjadi”, Alodokter, [Online]. Available: <https://www.alodokter.com/ciri-detak-jantung-normal-dan-gangguan-yang-bisa-terjadi>
- [7] Aleš Procházka, “Breathing Analysis Using Thermal and Depth Imaging Camera Video Records”. Basel: Switzerland (2017). Available: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5491982/>
- [8] Youngjun Cho, “Robust tracking of respiratory rate in high-dynamic range scenes using mobile thermal imaging”. University College London, UK : London (2017). Available : <https://opg.optica.org/boe/viewmedia.cfm?uri=boe-8-10-4480&html=true>
- [9] Raden Duta Ikrar Abadi, “Measurement of Vital Signs Respiratory Rate Based on NonContact Techniques Using Thermal Camera & Web Camera with Facial Recognition”. Poltekkes Kemenkes: Surabaya (2022). Available: <https://jeeemi.org/index.php/jeeemi/article/view/187/88>
- [10] H. Sulastomo, R. Kusumawati, Y. H. Suselo, N. Purwaningtyas, D. Indarto, S. A. Jusup, and R. Myrtha, Buku Manual Keterampilan Klinis Interpretasi Pemeriksaan Elektrokardiografi (EKG). Surakarta: Fakultas Kedokteran Universitas Sebelas Maret Surakarta, 2019.

- [11] Aprilia, Tan Suryani Sollu, “Sistem Monitoring realtime detak jantung dan kadar oksigen dalam darah pada manusia berbasis IoT(Internet Of Things)”, Vol 10, No. 2, Universitas Tadulako, Oktober 2020.
- [12] Menteri kesehatan Republik Indonesia. “Peraturan Menteri Kesehatan Republik Indonesia No. 24 Tahun 2016 Tentang Persyaratan Teknis Bangunan dan Prasarana Rumah Sakit”, 2016.
- [13] Kun Zheng, Kangyi Ci, Jinling Cui, Jiangping Kong, Jing Zhou, “Non-Contact Heart Rate Detection When Face Information Is Missing during Online Learning”. Beijing University of Technology (2020). Available : <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7763013/>
- [14] Yonggu Lee, Jun-Young Park, Yeon-Woo Choi, Hyun-Kyung Park, Seok-Hyun Cho, Sung Ho Cho & Young-Hyo Lim, “A Novel Non-contact Heart Rate Monitor Using Impulse-Radio Ultra-Wideband (IR-UWB) Radar Technology”. Hanyang University: Seongdong-gu, Seoul, Korea (2018). Available: <https://www.nature.com/articles/s41598-018-31411-8>
- [15] Yoonkyoung Kim, Yosep Park, Jinman Kim, Eui Chul Lee, “Remote Heart Rate Monitoring Method Using Infrared Thermal Camera”. Department of Computer Science, Sangmyung University, Seoul, Republic of Korea (2018).
- [16] Boyuan Zhang, Hengkang Li, Lisheng Xu, Lin Qi, Yudong Yao, Stephen E. Greenwald. “Noncontact Heart Rate Measurement Using a Webcam, Based on Joint Blind Source Separation and a Skin Reflection Model: For a Wide Range of Imaging Conditions”. College of Medicine and Biological Information Engineering, Northeastern University, Shenyang , China (2021). Available: <https://www.hindawi.com/journals/js/2021/9995871/>
- [17] Adi Pamungkas M.S.I, “Akuisisi Citra” UNDIP (2022). Available: <https://pemrogramanmatlab.com/pengolahan-citra-digital/akuisisi-citra/>
- [18] Yoga Religia, “FEATURE EXTRACTION UNTUK KLASIFIKASI PENGENALAN WAJAH MENGGUNAKAN SUPPORT VECTOR MACHINE DANK-NEAREST NEIGHBOR”, Universitas Dian Nuswantoro Semarang (2021).
- [19] Utari Nur Ramadhani Yora, Hilman Fauzi , Syamsul Rizal, “EKSTRAKSI DETAK JANTUNG BERBASIS PENGOLAHAN CITRA WAJAH DENGAN ALGORITMA BSS (BLIND SEPARATION SIGNAL) Heart Rate Extraction Based on Processing of Facial Images Using BSS (Blind Separation Signal) Algorithm, Telkom University (2017).

- [20] Mardon Limena, Giner Maslebu, Ferdy S. Rondonuwu, “PEMANFAATAN CITRA KAMERA INFRAMERAH THERMAL (KIT)UNTUK MENDETEKSI AREA INFLAMASI PADA TUBUH MANUSIA”, Fakultas Sains dan Matematika, Universitas Kristen Satya Wacana (2021).