



DAFTAR PUSTAKA

- [1] Surjamanto Wonorohardjo, S. Tedja, and B. Edward, "Studi Pengaruh Kualitas Vegetasi pada Lingkungan Termal Kawasan Kota di Bandung Menggunakan Data Citra Satelit."
- [2] Y. Yao, Z. Lian, W. Liu, and Q. Shen, "Experimental study on physiological responses and thermal comfort under various ambient temperatures," *Physiol. Behav.*, vol. 93, no. 1–2, pp. 310–321, Jan. 2008.
- [3] E. Tiago-Costa, E. Costa, and J. Baptista, "Changes in EEG amplitude (Alpha and Beta waves) with Thermal environment," *DYNA*, vol. 83, p. 87, Jun. 2016.
- [4] Y. Yao, Z. Lian, W. Liu, C. Jiang, Y. Liu, and H. Lu, "Heart rate variation and electroencephalograph--the potential physiological factors for thermal comfort study," *Indoor Air*, vol. 19, no. 2, pp. 93–101, Apr. 2009.
- [5] H. Metzmacher, D. Wölki, C. Schmidt, J. Frisch, and C. van Treeck, "Real-time human skin temperature analysis using thermal image recognition for thermal comfort assessment," *Energy Build.*, vol. 158, pp. 1063–1078, Jan. 2018.
- [6] Poerdawarminta, "Psikologi Komunikasi," *Univ. Terbuka*, p. 43.
- [7] S. Gans and MD, "Why Your Phobia Triggers a Severe Physiological Response," *Verywell Mind*. [Online]. Available: <https://www.verywellmind.com/physiological-response-2671635>. [Accessed: 07-Apr-2018].
- [8] N. Pan, P. Gibson, and E. Textile Institute (Manchester, *Thermal and Moisture Transport in Fibrous Materials*. 2006.
- [9] M. Kato *et al.*, "The effects of facial fanning on thermal comfort sensation during hyperthermia," *Pflugers Arch.*, vol. 443, no. 2, pp. 175–179, Nov. 2001.
- [10] C.-P. Chen, R.-L. Hwang, S.-Y. Chang, and Y.-T. Lu, "Effects of temperature steps on human skin physiology and thermal sensation response," *Build. Environ.*, vol. 46, no. 11, pp. 2387–2397, Nov. 2011.
- [11] Yi Bo and Choi Joon-Ho, "Facial Skin Temperature as a Proactive Variable in a Building Thermal Comfort Control System," *Sustain. HumanBuilding Ecosyst.*
- [12] H. Liu *et al.*, "The response of human thermal perception and skin temperature to step-change transient thermal environments," *Build. Environ.*, vol. 73, pp. 232–238, Mar. 2014.
- [13] X. Du *et al.*, "The Response of Human Thermal Sensation and Its Prediction to Temperature Step-Change (Cool-Neutral-Cool)," *PLOS ONE*, vol. 9, no. 8, p. e104320, Aug. 2014.
- [14] F. De Oliveira, S. Moreau, C. Gehin, and A. Dittmar, "Infrared Imaging Analysis for Thermal Comfort Assessment," in *2007 29th Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, Lyon, France, 2007, pp. 3373–3376.
- [15] D. Wang, H. Zhang, E. Arens, and C. Huizenga, "Observations of upper-extremity skin temperature and corresponding overall-body thermal sensations and comfort," *Build. Environ.*, vol. 42, no. 12, pp. 3933–3943, Dec. 2007.



- [16] N. D. Dahlan and Y. Y. Gital, "Thermal sensations and comfort investigations in transient conditions in tropical office," *Appl. Ergon.*, vol. 54, pp. 169–176, May 2016.
- [17] D. Mitchell and C. H. Wyndham, "Comparison of weighting formulas for calculating mean skin temperature," *J. Appl. Physiol.*, vol. 26, no. 5, pp. 616–622, May 1969.
- [18] A. P. Gagge, J. A. J. Stolwijk, and J. D. Hardy, "Comfort and thermal sensations and associated physiological responses at various ambient temperatures," *Environ. Res.*, vol. 1, no. 1, pp. 1–20, Jun. 1967.
- [19] Sharifani Pooya, Talele Suraj, Mun Junghyun, and Tao Yong, "Direct Measurement of Occupants Skin Temperature and Human Thermal Comfort Sensation for Building Comfort Control," *Sustain. Hum. Build. Ecosyst.*
- [20] B. Pavlin, G. Pernigotto, F. Cappelletti, P. Bison, R. Vidoni, and A. Gasparella, "Real-Time Monitoring of Occupants' Thermal Comfort through Infrared Imaging: A Preliminary Study," *Buildings*, vol. 7, p. 10, Feb. 2017.
- [21] R. Nielsen and B. Nielsen, "Measurement of mean skin temperature of clothed persons in cool environments," *Eur. J. Appl. Physiol.*, vol. 53, no. 3, pp. 231–236, 1984.
- [22] K. Parsons, *Human Thermal Environments : The Effects of Hot, Moderate, and Cold Environments on Human Health, Comfort, and Performance, Third Edition*. CRC Press, 2014.
- [23] Z. Lin and S. Deng, "A study on the thermal comfort in sleeping environments in the subtropics—Developing a thermal comfort model for sleeping environments," *Build. Environ.*, vol. 43, pp. 70–81, Jan. 2008.
- [24] E. L. Ndetto and A. Matzarakis, "Assessment of human thermal perception in the hot-humid climate of Dar es Salaam, Tanzania," *Int. J. Biometeorol.*, vol. 61, no. 1, pp. 69–85, Jan. 2017.
- [25] "Definition of Vasodilation," *MedicineNet*. [Online]. Available: <https://www.medicinenet.com/script/main/art.asp?articlekey=5965>. [Accessed: 04-Oct-2018].
- [26] "Vasoconstriction: MedlinePlus Medical Encyclopedia." [Online]. Available: <https://medlineplus.gov/ency/article/002338.htm>. [Accessed: 04-Oct-2018].
- [27] L. Schellen, W. van Marken Lichtenbelt, M. G. L. C. Loomans, A. Frijns, J. Toftum, and M. H de Wit, "Thermal comfort, physiological responses and performance of elderly during exposure to a moderate temperature drift," in *Chemical Engineering Journal - CHEM ENG J*, 2009.
- [28] Y. Yao, Z. Lian, W. Liu, and Q. Shen, "Experimental study on physiological responses and thermal comfort under various ambient temperatures," *Physiol. Behav.*, vol. 93, no. 1, pp. 310–321, Jan. 2008.
- [29] K. N. Nkurikiyeyezu, Y. Suzuki, Y. Tobe, G. F. Lopez, and K. Itao, "Heart rate variability as an indicator of thermal comfort state," in *2017 56th Annual Conference of the Society of Instrument and Control Engineers of Japan (SICE)*, Kanazawa, 2017, pp. 1510–1512.
- [30] M. Kim, Y. Choi, and C. Chun, "Thermal sensation and electroencephalogram (EEG)," p. 8.



- [31] J. Gwak, M. Shino, K. Ueda, and M. Kamata, “Effects of Changes in the Thermal Factor on Arousal Level and Thermal Comfort,” in *2015 IEEE International Conference on Systems, Man, and Cybernetics*, Kowloon Tong, Hong Kong, 2015, pp. 923–928.
- [32] B. F. Jones and P. Plassmann, “Digital infrared thermal imaging of human skin,” *IEEE Eng. Med. Biol. Mag.*, vol. 21, no. 6, pp. 41–48, Nov. 2002.
- [33] D. Kurniajaya, J. Juningtyastuti, and S. Sumardi, “PENGARUH EMISSIVITY TERHADAP HASIL PENGUKURAN PADA SISTEM DENGAN MENGGUNAKAN KAMERA INFRAMERAH,” other, Jurusan Teknik Elektro Fakultas Teknik Undip, 2011.
- [34] *FLIR IR Thermography Handbook*. FLIR System Co., Ltd.
- [35] “What is Infrared Thermography? | Infrared Thermography | NIPPON AVIONICS CO.,LTD.” [Online]. Available: <http://www.infrared.avio.co.jp/en/products/ir-thermo/what-thermo.html>. [Accessed: 13-Mar-2018].
- [36] “Principles of Remote Sensing - Centre for Remote Imaging, Sensing and Processing, CRISP.” [Online]. Available: https://crisp.nus.edu.sg/~research/tutorial/opt_int.htm. [Accessed: 18-Jul-2018].
- [37] *The Ultimate Infrared Handbook for R&D Professionals*. FLIR System Co., Ltd.
- [38] M. Vollmer and K.-P. MÄ¶llmann, *Infrared Thermal Imaging: Fundamentals, Research and Applications*. John Wiley & Sons, 2017.
- [39] Harinaldi, *Prinsip-prinsip Statistik untuk Teknik dan Sains*. Jakarta: Erlangga, 2005.
- [40] A. Ahdika, *Penyajian Data dan Distribusi Data*. 2015.
- [41] S. Raharjo, “Cara Uji Paired Sample T-Test dan Interpretasi dengan SPSS,” *SPSS Indonesia* .
- [42] M. Abramowitz and I. A. Stegun, Eds., *Handbook of Mathematical Functions: with Formulas, Graphs, and Mathematical Tables*, 0009-Revised edition ed. New York, NY: Dover Publications, 1965.
- [43] M. Ö. Korukçu and M. Kılıç, “Tracking Hand And Facial Skin Temperatures In An Automobile By Using Ir-Thermography During Heating Period,” p. 11, 2012.
- [44] D. Du Bois and E. F. Du Bois, “A formula to estimate the approximate surface area if height and weight be known. 1916,” *Nutr. Burbank Los Angel. Cty. Calif*, vol. 5, no. 5, pp. 303–311; discussion 312-313, Oct. 1989.
- [45] J. Sarwono, *Metode Penelitian Kuantitatif & Kualitatif*. Yogyakarta: Graha Ilmu, 2006.