

Daftar Pustaka

- Acharya, T., & Ray, A. (2005). *Image Processing Principles and Applications*. New Jersey: John Willey & Sons, Inc.
- Chernov, V., Alander, J., & Bochko, V. (2015). Integer-based accurate conversion between RGB and HSV color. *Computers and Electrical Engineering* 46, 328–337.
- Choudhary, V., & Voditel, P. (2013). Extraction of Region of Interest in Compressed Domain. *IJCSI International Journal of Computer Science Issues*, Vol. 10, Issue 3, No 2, 321-329.
- Cohen, J. (1960). A Coefficient of Agreement for Nominal Scales. *Educational and Psychological Measurement* 20(1), 37-46.
- Dina, A. (2017). *Medicalogy*. Retrieved 4 4, 2017, from Urine Analyzer: Perkecil Human Error pada Pemeriksaan Urine: <<https://medicalogy.com/blog/urine-analyzer-perkecil-hman-error-pada-pemeriksaan-urine/>>.
- Fletcher, R., Fletcher, S., & Wagner, E. (1992). *Clinical Epidemiology The Essential*. Philadepia: Williams & Wilkims Baltimore.
- Ford, A., & Roberts, A. (1998, Agustus 11). *Colour Space Conversion*. Retrieved Februari 15, 2018, from <https://poynton.ca/PDFs/coloureq.pdf>
- Gandosoebrata, R. (2010). *Penuntun Laboratorium Klinik*. Jakarta Timur: Dian Rakyat.
- Ginardi, R. H., Saikhu, A., Sarno, R., Sunaryono, D., Kholimi, A. S., & Shanty, R. N. (2014). Intelligent Method for Dipstick Urinalysis Using Smartphone Camera. *Information and Communication Technology-EurAsia Conference*, 66-77.
- Gonzales, R. C., & Woods, R. E. (2008). *Digital Image Processing, 3rd edition*. ISBN number 9780131687288. New Jersey: Prentice Hall.
- Hafidh, K., Muhimmah, I., & Rosita, L. (2019). Permodelan Sistem dalam Menganalisis Dipstik Urinalisis Menggunakan Kamera Smartphone. *Jurnal Informatika dan Rekayasa Elektronika (JIRE)*.
- Hafner, J., Sawhney, H., Equitz, W., & Niblack, W. (1995). Efficient color histogram indexing for quadratic form distance functions. *IEE TRans. Pattern Anal, Mach. Int*, 729-736.
- Hariyanto, D. (2009). Studi Penentuan Nilai Resistor Menggunakan Seleksi Warna Model HSI Pada Citra 2D. *TELKOMNIKA*, 13-22.

- Heksaputra, D. (2016). *Ekstraksi Ciri Warna HER2 Overexpression Skor 2+ Kanker Payudara Menggunakan Teknik Pengolahan Citra (Master's thesis)*. Sleman: Universitas Islam Indonesia.
- Hongzhe, L., Ye, L., & Guangmei, X. (2012). Research on Quantifying Color of HSV in Extraction of Middle-level Semantic Objects of Traditional Chinese Painting Images. *2nd International Conference on Computer Science and Network Technology* (pp. 15-19). Changchun, China: IEEE .
- Hulley, S., & Cumming, S. (1988). *Designing Clinical Research*. Baltimore: Williams and Walkins.
- Hunt, R. W. (1991). *Measuring color (2nd ed.)*. New York: Ellis Horwood.
- Hunt, R., & Pointer, M. (2011). *Measuring Color Fourth Edition*. West Susse,UK: John Wiley & Sons, Ltd.
- Jennings, B. J., & Martinovic, J. (2014). Luminance and color inputs to mid-level and high-level vision. *Journal of Vision*. Volume 14, Issue 2 , 1-17.
- Kee, J. L. (2007). *Pedoman Pemeriksaan Laboratorium & Diagnostik*. Edisi 6. Jakarta: EGC.
- Kiranyaz, S., Ferreira, M., & Gabbouj, M. (2018, February). *A Novel Feature Extraction Method Based On Segmentation Over Edge Field For Multimedia Indexing And Retrieval*. Retrieved February 16, 2018, from Researchgate: https://www.researchgate.net/publication/228671897_A_Novel_feature_extraction_method_based_on_segmentation_over_edge_field_for_multimedia_indexing_and_retrieval
- Kusumadewi, S. (2008). *Sistem Pendukung Keputusan Kelompok Klinis menggunakan Fuzzy Multi-Person Multi-Attribute Decision Making*. Disertasi.
- Kusumaningsih. (2009). *Ekstraksi Ciri Warna, Bentuk dan Tekstur Untuk Temu*. Skripsi. Institut Pertanian Bogor.
- Kusumanto, R., & Tompunu, A. N. (2011). Pengolahan Citra Digital untuk Mendeteksi Obyek Menggunakan Pengolahan Warna Model Normalisasi RGB. *Seminar Nasional Teknologi Informasi & Komunikasi Terapan 2011 (Semantik 2011)*.
- Lalkhen, A. G., & McCluskey, A. (2008). Clinical tests: sensitivity and specificity. *Continuing Education in Anaesthesia Critical Care & Pain*, 221–223.
- Landis, J., & Koch, G. G. (1977). The Measurement of Observer Agreement for Categorical Data. *BIOMETRICS* 33, 159-174.
- Leo'n, K., Mery, D., Pedreschi, F., & Leo'n, J. (2006). Color measurement in L*a*b* units from RGB digital images. *Food Research International* 39, 1084–1091.

- Listiyono, H. (2008). Merancang dan Membuat Sistem Pakar. *Jurnal Teknologi Informasi DINAMIK Volume XIII*, 115-124.
- Mau, F., Supargiyono, & Murhandarwati, E. E. (2015). Koefisien Kappa sebagai Indeks Kesepakatan Hasil Diagnosis Mikroskopis Malaria di Kabupaten Belu Nusa Tenggara Timur. *Buletin Penelitian Kesehatan*, 117 - 124.
- Mcperson AR, B.-E. J. (2007). *Basic examination of urine*. In: Mcpherson AR, Pincus RM, editors. *Henry's Clinical Diagnosis and Management by Laboratory Methods. 21st edition*. Philadelphia, PA: WB Saunders.
- Mizuno, K., Ishii, J., Kishida, H., Hayamizu, Y., Yasuda, S., Futaba, D. N., . . . Hata, K. (2009). A black body absorber from vertically aligned single-walled carbon nanotubes. *Proceedings of the National Academy of Science of the United States of America*, 6044-6047.
- Narko, W. W., & Andono, P. N. (2015). *UDiNus Repository*. Retrieved from eprints.dinus.ac.id/16565/1/jurnal_15554.pdf
- Neumeyer, J., Prince, J., Miller, A., Blair, K., Silvia, F., & Kim, U. (2016). Mobile urinalysis for maternal screening: Frugal medical screening solution and patient database to aid in prenatal healthcare for expecting mothers in the developing world. *Global Humanitarian Technology Conference (GHTC)*.
- Nursalam. (2003). *Konsep Dan Penerapan Metodologi Penelitian Ilmu Keperawatan*. Jakarta: Salemba Medika.
- P, G., Rajini, V., Sathish, B., & Shaik, K. B. (2014). HSV Color Space Based Segmentation of Region of Interest in Satellite Images. *2014 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT)*, 101-105.
- Peele, J. (1997). Evaluation of Ames Clini-Tek. *Clinical Chemistry* 23(12), 2238-2241.
- Permenkes RI. (2010). Peraturan Menteri Kesehatan Republik Indonesia No. 411/Menkes/PER/III/2010 tentang Laboratorium Klinik.
- Ra, M., Muhammad, M. S., Lim, C., Han, S., Jung, C., & Kim, W.-Y. (2018). Smartphone-Based Point-of-Care Urinalysis Under Variable Illumination. *IEEE J Transl Eng Health Med*, 6: 2800111.
- Rahmat, R. F., Royananda, Muchtar, M. A., Taquiuddin, R., Adnan, S., Anugrahwaty, R., & Budiarto, R. (2018). Automated color classification of urine dipstick image in urine examination . *2nd International Conference on Computing and Applied Informatics 2017*.

- Rosario, B. L., Weissfeld, L. A., Laymon, C. M., Mathis, C. A., Klunk, W. E., Berginc, M. D., . . . Price, J. C. (2011). Inter-rater reliability of manual and automated region-of-interest delineation for PiB PET. *NeuroImage* 55, 933–941.
- Rosita, L. (2009). Pengaruh Penundaan Waktu Terhadap Hasil Urinalitas. *Jurnal Kesehatan Dan Kedokteran Indonesia*.
- Sergyan, S. (2008). Color Histogram Features Based Image Classification in Content-Based Image Retrieval Systems. *2008 6th International Symposium on Applied Machine Intelligence and Informatics*, 221-224.
- Shanty, R. N., Ginardi, R. V., & Sarno, R. (2014). Interpretation of Urine Dipstick Results Based On Color Similarity Using Linear Interpolation Curve Fitting. *2013 IEEE International Conference on Computational Intelligence and Cybernetics (CYBERNETICSCOM)*, 36-39.
- Smith, A. R. (1978). Color gamut transform pairs. *SIGGRAPH '78 Proceedings of the 5th annual conference on Computer graphics and interactive techniques* (pp. 12-19). New York, NY, USA: ACM SIGGRAPH Computer Graphics.
- Strasinger, S. K., & Lorenzo, M. S. (2008). *Urinalysis and Body Fluids*. Philadelphia: F. A. Davis Company .
- Szabolcs, S. (2008). Color Histogram Features Based Image Classification in Content-Based Image Retrieval SYstems. *6th International Symposium on Applied Machine Intelligence and Informatics*, 221-224.
- Tarigan, O. N. (2018). *Skripsi. Perbedaan Hasil Urinalisis Metode Dipstik Pada Urin Segar, Urin Simpan 4 Jam Suhu Ruangan, Dan Urin Simpan 4 Jam Suhu 2° C-8° C*. Bandar Lampung.
- Tighe, P. (1999). Laboratory-based quality assurance programme for near-patient urine dipstick testing 1990–1997. *Br. J. Biomed. Sci* 56, 6–15.
- Tighe, P. (2000). Urine dry reagent strip “error” rates using different reading methods. *Accred Qual Assur*, 5:488–490.
- Turban, E., & Aronson, J. E. (1998). *Decision Support System and Intelligent System*. Upper Saddle River, NJ: Prentice Hall.
- Vashist, S., Mundanyali, O., Schneider, E., Ozcan, A., & Zengerle, R. (2014). Cellphone-based devices for bioanalytical sciences. *Analytical and bionalalytical chemistry*, 406, 3263-3277.

- Velikova, M., Smeets, R. L., Scheltinga, J. T., Lucas, P. J., & Spaanderman, M. (2014). Smartphone-based analysis of biochemical tests for health monitoring support at home. *Healthcare Technology Letters*, 92–97.
- Widmann, F. K. (1995). *Tinjauan klinis atas hasil pemeriksaan laboratorium*. Ed. 9. Jakarta: EGC.
- Wijaya, T. A., Ginardi, H., & Khotimah, W. N. (2014). Paduan Elemen Warna Sa*b* pada Analisa Urin Dipstick dari Citra Hasil Kamera Smartphone dengan Jaringan Backpropagation . *LONTAR KOMPUTER VOL. 5, NO. 1, APRIL 2014*, 404-415.
- Wiwanitkit, V. (2003). Urine examination by urine test strips, case studies in laboratory medicine. *Songklanagarind Medical Journal*, 151-154.
- Wu, D., & Sun, D.-W. (2013). Food colour measurement using computer vision. *Woodhead Publishing Series in Food Science, Technology and Nutrition*, 165–194, 195e.
- Wurdianarto, S. R., Novianto, S., & Rosyidah, U. (2014). Perbandingan Euclidean Distance dengan Canberra Distance pada Face Detection. *Techno.COM, Vol. 13, No. 1*, 31-37.
- Yeong-Chyang Shih, F., & Mitchell, O. R. (1992). A Mathematical Morphology Approach to Euclidean Distance Transformation. *IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 1, NO. 2, APRIL 1992*, 197-204.
- Youssef, S. M. (2012). ICTEDCT-CBIR: Integrating curvelet transform with enhanced dominant colors extraction and texture analysis for efficient content-based image retrieval. *Computers and Electrical Engineering* 38, 1358–1376.