DAFTAR PUSTAKA

[1] I. Malawi and E. S. Maruti, Evaluasi Pendidikan, Magetan: CV. AE MEDIA GRAFIKA, 2016.

[2] S. D. Andasari, C. H. Mustofa and E. O. Arabela, "Standarisasi Parameter Spesifik Dan Non Spesifik Ekstrak Etil Asetat Daun Beluntas (Pluchea indica L.)," *CERATA Jurnal Ilmu Farmasi,* vol. 12, no. 1, pp. 47-53, 2021.

[3] C. Yuliana, R. Ceriana and R. Shafriyani, "Standarisasi Mutu Ekstrak Etanol Bunga Soka (Ixora coccinea L.)," *Journal of Pharmaceutical and Health Research,* vol. 3, no. 1, pp. 1-5, 2022.

[4] Y. I. Hernafi, T. A. Riza and Hafidudin, "APLIKASI ANDROID KOREKSI LEMBAR JAWABAN KOMPUTER MENGGUNAKAN OPENCV," *e-Proceedings of Applied Science,* vol. 6, no. 1, pp. 477-489, 2020.

[5] B. Putra, I. K. D. Nuryana and R. A. J. Firdaus, "RANCANG BANGUN APLIKASI KOREKSI LEMBAR JAWABAN KOMPUTER MENGGUNAKAN METODE DETEKSI TEPI CANNY," *INOVATE,* vol. 4, no. 1, pp. 16-24, 2019.

[6] M. C. Kirana, Sartikha and E. Erminawati, "PENERAPAN METODE CANNY DALAM KOREKSI LEMBAR JAWABAN KOMPUTER UNTUK TRY OUT," in *Prosiding SENTIA 2017 - Politeknik Negeri Malang*, Malang, 2017.

[7] G. Q. O. Pratamasunu, R. E. Pawening and U. N. Wulandari, "DETEKSI PILIHAN JAWABAN OTOMATIS PADA LEMBAR JAWABAN KOMPUTER MENGGUNAKAN METODE IMAGE THRESHOLDING DAN CONTOUR SORTING," *COREAI: Jurnal Kecedasan Buatan, Komputasi dan Teknologi Informasi ,* vol. 1, no. 1, pp. 01-09, 2020.

[8] A. Johar, D. Andreswari and G. Triyana, "APLIKASI PENGOLAHAN CITRA DIGITAL UNTUK PENDETEKSI JAWABAN PADA LEMBAR JAWABAN KOMPUTER MENGGUNAKAN ALGORITMA SOBEL (STUDI KASUS SMP NEGERI 2 KOTA BENGKULU)," *Jurnal Teknik Informatika,* vol. 7, no. 2, pp. 60-67, 2014.

[9] R. M. Akbar and E. Setyati, "PENILAIAN OTOMATIS LEMBAR JAWABAN KOMPUTER (LJK) SECARA REAL TIME DENGAN MEMANFAATKAN WEBCAM," *Seminar Nasional "Inovasi dalam Desain dan Teknologi" - IdeaTech,* pp. 334-341, 2015.

[10] J. S. Wibowo, "Rancang Bangun Program Koreksi Lembar Jawab Komputer untuk Tryout Ujian Nasional Tingkat SMA," *Jurnal Teknologi Informasi DINAMIK,* vol. 18, no. 2, pp. 142-152, 2013.

[11] Z. KÜÇÜKKARA and A. E. TÜMER, "An Image Processing Oriented Optical Mark Recognition and Evaluation System," *International Journal of Applied Mathematics Electronics and Computers,* vol. 6, no. 4, pp. 59-64, 2018.

[12] I. Zahari, Z. Pratama, W. Mahmud and D. A. Wibowo, "istem Pengecekan Lembar Jawaban Komputer Dengan Optical Mark Recognition (OMR) Berbasis Open Computer Vision Python," in *Seminar Nasional Inovasi dan Pengembangan Teknologi Terapan (SENOVTEK)*, Cilacap, 2022.

[13] V. Ware, N. Menon, P. Varute and R. Dhannawat, "Cost effective optical mark recognition software for educational institutions," *International Journal of Advance Research, Ideas and Innovations in Technology*, vol. 5, no. 2, pp. 1874-1877, 2019.

[14] M. N. Hermawan, Maulidiansyah and Sudriyanto, "Deteksi Lembar Jawaban Komputer Menggunakan OMR (Optical Mark Recognition) Di MTS Nurul Iman," *Jurnal Teknik Informatika dan Sistem Informasi*, vol. 8, no. 3, pp. 1361-1372, 2021.

[15] S. C. Loke, K. A. Kasmiran and S. A. Haron, "A new method of mark detection for software-based optical mark recognition," *PLOS ONE*, vol. 13, no. 11, pp. 1-15, 2018.

[16] Erik Miguel de Elias, Paulo Marcelo Tasinafo and R. Jr., "Optical Mark Recognition: Advances, Difficulties, and Limitations," *SN Computer Science*, vol. 2, no. 5, pp. 1-13, 2021.

[17] V. Melinda and M. Zainil, "Penerapan model project based learning untuk meningkatkan kemampuan komunikasi matematis siswa sekolah dasar (studi literatur).," *Jurnal Pendidikan Tambusai*, vol. 4, no. 2, pp. 1526-1539, 2020.

[18] Ni'matuzahroh and S. Prasetyaningrum, Observasi: Teori dan Aplikasi dalam Psikologi, Malang: UMM Press, 2018.

[19] R. A. Fadhallah, Wawancara, Jakarta Timur: Unj Press, 2021.

[20] V. Herlina, Panduan Praktis Mengolah Data Kuesioner Menggunakan SPSS, Jakarta: Elex Media Komputindo, 2019.

[21] A. H. S. SAAD, M. S. MOHAMED and E. H. HAFEZ, "Coverless Image Steganography Based on Optical Mark Recognition and Machine Learning," *IEEE Access*, vol. 9, pp. 16522-16531, 2021.

[22] Tech Spirited, "Optical Mark Recognition (OMR): Working Principle and Pros and Cons," Tech Spirited, [Online]. Available: https://techspirited.com/optical-mark-recognition-omr-working-principle-pros-cons. [Accessed 18 April 2023].

[23] M. R. Pratama and I. F. Hanif, "IMPLEMENTASI METODE CANNY DALAM DETEKSI TEPI PADA APLIKASI OMR (OPTICAL MARK RECOGNITION) MENGGUNAKAN PENGEMBANGAN SISTEM WATERFALL," *Jurnal Edunity: Kajian Ilmu Sosial dan Pendidikan*, vol. 2, no. 2, pp. 267-283, 2023.

[24] C. Saengtongsrikamon, P. Meesad and S. Sodsee, "Scanner-Based Optical Mark Recognition," *Information Technology Journal*, vol. 5, no. 1, pp. 69-73, 2009.

[25] Trivusi, "Image Processing: Pengertian dan Langkah-langkahnya," Trivusi, 21 September 2022. [Online]. Available:

https://www.trivusi.web.id/2022/09/image-processing.html. [Accessed 27 April 2023].

[26] R. D, "Gray scale images," Medium, 29 Januari 2019. [Online]. Available: https://medium.com/@rndayala/gray-scale-images-8d6aacb3b761. [Accessed 27 April 2023].

[27] Math Works, "Image Types," Math Works, 2023. [Online]. Available: https://www.mathworks.com/help/matlab/creating_plots/image-types.html. [Accessed 27 April 2023].

[28] A. S. Gillis, "What is a Pixel? Definition, Meaning, and How They Work," Tech Target, Agustus 2022. [Online]. Available: https://www.techtarget.com/whatis/definition/pixel. [Accessed 28 April 2023].

[29] A. Marion, An Introduction to Image Processing, Paris: Springer Science+Business Media Dordrecht, 1991.

[30] I. Maliki and F. S. Jarockohir, "Facial Expressions Recognition Using Markov Stationary Feature-Vector Quantization and Support Vector Machine Method," *IOP Conference Series: Materials Science and Engineering,* vol. 662, no. 2, p. 022023, 2019.

[31] C. Kanan and G. W. Cottrell, "Color-to-Grayscale: Does the Method Matter in Image Recognition?," *PloS one,* vol. 7, no. 1, p. e29740, 2012.

[32] F. Bozkurt, M. Yağanoğlu and F. B. Günay, "Effective Gaussian Blurring Process on Graphics Processing Unit with CUDA," *International Journal of Machine Learning and Computing,* vol. 5, no. 1, pp. 57-61, 2015.

[33] Siaulhak, A. S. Saruman and F. E. Susilawati, "Deteksi Pengurangan Noise pada Citra Digitalmenggunakan Metode Frequency DomainCode Matlab," in *Konferensi Nasional Ilmu Komputer (KONIK)*, 2021.

[34] H. Cheng, X. Jiang, Y. Sun and J. Wang, "Color image segmentation: advances and prospects," *Pattern Recognition,* vol. 34, no. 12, pp. 2259-2281, 2001.

[35] Dharampal and V. Mutneja, "Methods of Image Edge Detection: A Review," *J. Electr. Electron. Syst.,* vol. 4, no. 2, pp. 1-5, 2015.

[36] H. Bandyopadhyay, "An Introduction to Image Segmentation: Deep Learning vs. Traditional [+Examples]," V7, 12 Agustus 2021. [Online]. Available: https://www.v7labs.com/blog/image-segmentation-guide. [Accessed 7 Mei 2023].

[37] S. Dilhani, "Digital Image Thresholding Techniques…," Medium, 6 Agustus 2021. [Online]. Available: https://medium.com/@shashikadilhani97/digital-image-thresholding-techniques-969b006c9e07. [Accessed 7 Mei 2023].

[38] R. Miles and K. Hamilton, Learning UML 2.0, Sebastopol: O'Reilly Media, 2006.

[39] Python Software Foundation, "What is Python? Executive Summary," Python Software Foundation, 2023. [Online]. Available: https://www.python.org/doc/essays/blurb/. [Accessed 9 Mei 2023].

[40] M. Lutz, Programming Python, Sebastopol: O'Reilly & Associates, Inc., 2001.

[41] Open Education and Development Group, "Python® – the language of today and tomorrow," Open Education and Development Group, 2022. [Online]. Available: https://pythoninstitute.org/about-python. [Accessed 9 Mei 2023].

[42] Django Software Foundation, "Meet Django," Django Software Foundation, 2023. [Online]. Available: https://www.djangoproject.com/. [Accessed 9 Mei 2023].

[43] Education Ecosystem, "Django History," Education Ecosystem, 2022. [Online]. Available: https://educationecosystem.com/guides/programming/django/history. [Accessed 9 Mei 2023].

[44] I. Culjak, D. Abram, T. Pribanic, H. Dzapo and M. Cifrek, "A brief introduction to OpenCV," in *2012 Proceedings of the 35th International Convention MIPRO*, Opatija, 2012.