

## DAFTAR PUSTAKA

- [1] S. M. Mousavi, A. Naghsh, and S. A. R. Abu-Bakar, “Watermarking Techniques used in Medical Images: a Survey,” *J. Digit. Imaging*, vol. 27, no. 6, pp. 714–729, 2014, doi: 10.1007/s10278-014-9700-5.
- [2] A. Dixit and R. Dixit, “A Review on Digital Image Watermarking Techniques,” *Int. J. Image, Graph. Signal Process.*, vol. 9, no. 4, pp. 56–66, 2017, doi: 10.5815/ijigsp.2017.04.07.
- [3] J. Liu *et al.*, “An Optimized Image Watermarking Method Based on HD and SVD in DWT Domain,” *IEEE Access*, vol. 7, pp. 80849–80860, 2019, doi: 10.1109/ACCESS.2019.2915596.
- [4] S. Fazli and M. Moeini, “A robust image watermarking method based on DWT, DCT, and SVD using a new technique for correction of main geometric attacks,” *Optik (Stuttg.)*, vol. 127, no. 2, pp. 964–972, 2016, doi: 10.1016/j.ijleo.2015.09.205.
- [5] T. T. Takore, P. Rajesh Kumar, and G. Lavanya Devi, “Efficient gray image watermarking algorithm based on DWT-SVD using genetic algorithm,” *2016 Int. Conf. Inf. Commun. Embed. Syst. ICICES 2016*, no. Icices, 2016, doi: 10.1109/ICICES.2016.7518897.
- [6] M. Begum and M. S. Uddin, “Analysis of Digital Image Watermarking Techniques through Hybrid Methods,” *Adv. Multimed.*, vol. 2020, pp. 1–12, 2020, doi: 10.1155/2020/7912690.
- [7] A. K. Abdulrahman and S. Ozturk, “A novel hybrid DCT and DWT based robust watermarking algorithm for color images,” *Multimed. Tools Appl.*, vol. 78, no. 12, pp. 17027–17049, 2019, doi: 10.1007/s11042-018-7085-z.
- [8] P. Jain and U. Ghanekar, “Robust watermarking technique for textured images,” *Procedia Comput. Sci.*, vol. 125, no. 2009, pp. 179–186, 2018, doi: 10.1016/j.procs.2017.12.025.
- [9] Q. Su, “Novel blind colour image watermarking technique using Hessenberg

- decomposition,” *IET Image Process.*, vol. 10, no. 11, pp. 817–829, 2016, doi: 10.1049/iet-ipr.2016.0048.
- [10] Q. Su, G. Wang, G. Lv, X. Zhang, G. Deng, and B. Chen, “A novel blind color image watermarking based on Contourlet transform and Hessenberg decomposition,” *Multimed. Tools Appl.*, vol. 76, no. 6, pp. 8781–8801, 2017, doi: 10.1007/s11042-016-3522-z.
  - [11] A. Anand and A. K. Singh, “An improved DWT-SVD domain watermarking for medical information security,” *Comput. Commun.*, vol. 152, no. November 2019, pp. 72–80, 2020, doi: 10.1016/j.comcom.2020.01.038.
  - [12] C.-C. Lai and C. C. Tsai, “Entropy based image watermarking using discrete wavelet transform and singular value decomposition,” *Proc. 10th INDIACOM; 2016 3rd Int. Conf. Comput. Sustain. Glob. Dev. INDIACOM 2016*, vol. 59, no. 11, pp. 2700–2704, 2016.
  - [13] A. Al-Haj, A. Mohammad, and A. Amer, “Crypto-Watermarking of Transmitted Medical Images,” *J. Digit. Imaging*, vol. 30, no. 1, pp. 26–38, 2017, doi: 10.1007/s10278-016-9901-1.
  - [14] A. M. Abduldaim, J. Waleed, and A. N. Mazher, “An Efficient Scheme of Digital Image Watermarking Based on Hessenberg Factorization and DWT,” *Proc. 2020 Int. Conf. Comput. Sci. Softw. Eng. CSASE 2020*, pp. 180–185, 2020, doi: 10.1109/CSASE48920.2020.9142096.
  - [15] S. Sejpal and D. Borse, “Comparative performance analysis of color image watermarking scheme using hessenberg decomposition and schur decomposition,” *Proc. - 2019 5th Int. Conf. Comput. Commun. Control Autom. ICCBEA 2019*, vol. 1, pp. 1–6, 2019, doi: 10.1109/ICCBEA47591.2019.9129233.
  - [16] D. B. Maheshwari, “An Analysis of Wavelet Based Dual Digital Image Watermarking Using SVD,” *2018 Int. Conf. Adv. Commun. Comput. Technol. ICACCT 2018*, vol. 1, pp. 69–73, 2018, doi: 10.1109/ICACCT.2018.8529638.

- [17] I. P. H. Wiguna, “Implementasi Blind Watermarking Pada Citra Digital Dengan Transformasi Wavelet Haar,” *J. Teknol. Inf. dan Komput.*, vol. 1, no. 1, pp. 37–42, 2016, doi: 10.36002/jutik.v1i1.21.
- [18] P. Nurtantio Andono, T. Sutojo, and Muljono, *Pengolahan Citra Digital*, I. Yogyakarta: Andi, 2017.
- [19] A. Anand and A. K. Singh, “Watermarking techniques for medical data authentication: a survey,” *Multimed. Tools Appl.*, vol. 1, pp. 1–33, 2020, doi: 10.1007/s11042-020-08801-0.
- [20] P. Parashar and R. K. Singh, “A Survey : Digital Image Watermarking Techniques,” *Int. J. signal Process. image Process. pattern Recognit.*, vol. 7, no. 6, pp. 111–124, 2014.
- [21] Surekha, Borra, T. Rohit, and D. Nilanjan, *Digital image watermarking: theoretical and computational*. CRC Press, 2018.
- [22] R. Vasudev, “A Review on Digital Image Watermarking and Its Techniques,” *J. Image Graph.*, vol. 4, no. 2, pp. 150–153, 2016, doi: 10.18178/joig.4.2.150-153.
- [23] Z. Yuan, Q. Su, D. Liu, and X. Zhang, “A blind image watermarking scheme combining spatial domain and frequency domain,” *Vis. Comput.*, vol. 37, no. 7, pp. 1867–1881, 2021.
- [24] O. Hosam, “Attacking Image Watermarking and Steganography - A Survey,” *Int. J. Inf. Technol. Comput. Sci.*, vol. 11, no. 3, pp. 23–37, 2019, doi: 10.5815/ijitcs.2019.03.03.
- [25] J. Balsa, “Comparison of image compressions: Analog transformations,” *Multidiscip. Digit. Publ. Inst. Proc.*, vol. 54, no. 1, p. 37, 2020.
- [26] S. Shoaib and R. C. Mahajan, “Authenticating using secret key in digital video watermarking using 3-level DWT,” *2015 Int. Conf. Commun. Inf. Comput. Technol.*, vol. 1, pp. 1–5, 2015.
- [27] S. S. Katariya, “Digital Watermarking: Review,” *Int. J. Eng. Innov. Technol.*,

- vol. 1, no. 2, pp. 143–153, 2012, [Online]. Available: [http://www.ijbeit.com/vol 1/Issue 2/IJEIT1412201202\\_26.pdf](http://www.ijbeit.com/vol 1/Issue 2/IJEIT1412201202_26.pdf).
- [28] P. Selvam, S. Balachandran, S. Pitchai Iyer, and R. Jayabal, “Hybrid transform based reversible watermarking technique for medical images in telemedicine applications,” *Optik (Stuttg.)*, vol. 145, pp. 655–671, 2017, doi: 10.1016/j.ijleo.2017.07.060.
  - [29] M. Begum and M. S. Uddin, “Digital image watermarking techniques: A review,” *Inf.*, vol. 11, no. 2, p. 110, 2020, doi: 10.3390/info11020110.
  - [30] M. Sharma and K. Borana, “A Study And Performance Evaluation Of Watermarking Techniques,” *Int. J. Core Eng. Manag.*, vol. 4, no. 7, pp. 163–174, 2014.
  - [31] S. Bagheri, B. Ahmadi, G. Zhang, and S. Wei, “Robust and hybrid SVD-based image watermarking schemes : A survey,” *Springer Sci. Media*, vol. 1, pp. 1–43, 2019, doi: 10.1007/s11042-019-08197-6.
  - [32] N. S. Mohammed and A. M. Abduldaim, “Algebraic Hessenberg decomposition method optimized by genetic algorithm for zero watermarking technique,” *Int. J. Math. Comput.*, vol. 16, no. 4, pp. 1497–1514, 2021.
  - [33] S. Rajesh Kumar, P. V.K, and S. Bhupesh Kumar, “A review on genetic algorithm and its applications,” *2018 Second Int. Conf. Green Comput. Internet Things*, pp. 376–380, 2018.
  - [34] Suyanto, *Intelijensia Buatan*, 3rd ed. Bandung: Penerbit Informatika, 2021.
  - [35] N. Mohananthini and G. Yamuna, “Comparison of multiple watermarking techniques using genetic algorithms,” *J. Electr. Syst. Inf. Technol.*, vol. 3, no. 1, pp. 68–80, 2016.