

DAFTAR PUSTAKA

- Abdullah, H. N., & Abdullah, H. A., 2017, Image encryption using hybrid chaotic map
2017 International Conference on Current Research in Computer Science and Information Technology (ICCIT), 7820, 1–7.
- Ariandi, W., 2015, Modified Least Significant Bit Dan Signal To Noise Ratio Pada Steganografi Sinyal Audio, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Astried, 2008, *Watermarking Dengan Metode Color Ordering Dan Mapping Pada Palette Images*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Astui, P. A. dkk, 2018, Simple and Secure Image Steganography using LSB and Triple XOR Operation on MSB, Dept. of Informatics Engineering, Faculty of Computer Science Dian Nuswantoro University Semarang, Indonesia.
- Awad, A. dan Saadane, A., 2010, New Chaotic Permutation Methods for Image Encryption, *IAENG International Journal of Computer Science*
- Awdun, B., & Li, G.,2016, The Color Image Encryption Technology Based on DNA Encoding & Sine Chaos. *2016 International Conference on Smart City and Systems Engineering (ICSCSE)*,.
- Basuki, R., dan Fairuzabadi, M., 2010. “Steganografi Menggunakan Metode Least Significant Bit Dengan Kombinasi Algoritma Kriptografi Vigenere dan RC4”.*Jurnal Dinamika Informatika*.
- Bhatt, S. dkk, 2015, Image Steganography and Visible *Watermarking* using LSB Extraction Technique, IEEE Sponsored 9th International Conference on Intelligent Systems and Control (ISCO)2015, Loyola Institute of Business Administration, Chennai.

- Borujeni, S. E. dan Eshghi, M., 2009, *Chaotic Image Encryption Design Using Tompkins_Paige Algorithm*, Hindawi Publishing Corp., Mathematical Problems in Engineering .
- Chena, X., & Hu, C.-J. ,2017, Adaptive medical image encryption algorithm based on multiple chaotic mapping. *Saudi Journal of Biological Sciences*, (November).
- Choundhary, R. & Parmar, G., 2016, A Robust image *Watermarking* Technique using 2-level Discrete Wavelet Transform (DWT), IEEE 2nd International Conference on Communication, Control and Intelligent Systems (CCIS), Dept. of Electronics, Rajasthan Technical University,Kota, Rajasthan, India.
- Dou, Y., Liu, X., Fan, H., & Li, M., 2017, Cryptanalysis of a DNA and chaos based image encryption algorithm. *Optik*, 145, 456–464.
- Dwiandiyanta, B.Y., 2005, *Watermarking Citra Warna Digital Menggunakan Alihragam Wavelet*, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Gani, M.N., 2011, Implementasi *Asymmetric-Watermarking* Berbasis Permutasi RC-4 Pada Koefisien DWT Citra Digital, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Gonzalez, R. C., Woods, R.E., 2008, *Digital Image Processing*, Addison-Wesley Publishing Company Inc., USA.
- Gupta K. dan Silakari S., 2009, Choase Based Image Encryption Using Block-Based Tranformation Algorithm, *International Journal of Computer and Network Security*, Vol. 1, No. 3
- Hayaty, N., 2016, Kriptosistem Kunci Asimetris Dan Pembangkitan Kunci Publik Menggunakan Jaringan Syaraf Tiruan Radial Basis Function, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Iswahyudi, C. dan Wardoyo, R., 2012, *Enkripsi Citra Berbasis Chaos Menggunakan metode Transformasi Blok pada Telepon Seluler*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

- Jain, A., & Rajpal, N., 2016, A robust image encryption algorithm resistant to attacks using DNA and chaotic logistic maps. *Multimedia Tools and Applications*, 75(10), 5455–5472. <https://doi.org/10.1007/s11042-015-2515-7>.
- Jolfaei, A. dan Mirghadri A., 2011, Image Encryption Using Chaos and Block Cipher, *Computer and Information Science*, Vol 4, No. 1 .
- Khan, M, A. dkk, 2018, Chaos Based Spatial Domain Robust Image *Watermarking* Scheme, 2018 4th International Conference on Computer and Information Sciences (ICCOINS), Department of Computer Engineering, University of Engineering and Technology Taxila, 47050, Pakistan.
- Krikor, L., Baba, S., Arif, T., Shaaban, Z., 2009, Image Encryption Using DCT and Stream Cipher, *European Journal of Scientific Research*, Vol. 32 No. 1, pp. 47-57
- Kulkarni, P. & Kulkarni, G., 2018, Visual Cryptography based Grayscale Image *Watermarking* in DWT domain, Proceedings of the 2nd International conference on Electronics, Communication and Aerospace Technology (ICECA 2018) IEEE Conference Record # 42487; IEEE Xplore ISBN:978-1-5386-0965-1.
- Kumar, S. & Singh, Tanupreet., 2014, Performance improvement of simple LSB *watermarking* using SVD, International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their Impact on Humanity (CIPECH14) 28 & 29 November 2014, Department Computer Science & Engg. Department of Electronics and Communication & Engg. Amritsar College of Engg. and Technology Amritsar College of Engg. and Technology Amritsar, India.
- Krikor, L., Baba, S., Arif, T., Shaaban, Z., 2009, Image Encryption Using DCT and Stream Cipher, *European Journal of Scientific Research*, Vol. 32 No. 1, pp. 47-57.
- Latif, A., 2013, Perbandingan Modified Least Significant Bit Dan Spread Spectrum Pada Steganografi Sinyal Audio, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Liu, S., Sung, J., Xu, Z., 2009, An Improved Image Encryption Algorithm based on Chaot

ic System, *Journal of Computers*, Vol. 4, No. 11

- Mashhadi, H. M., & Abduljaleel, I. Q., 2017, Color Image Encryption using Chaotic Maps, Triangular Scrambling, with DNA Sequences. *2017 International Conference on Current Research in Computer Science and Information Technology (ICCRIT)*, 93–98.
- Mishra¹, M., & Mankar, V.H., 2012, Hybrid Message-embedded Cipher Using Logistic Map, *International Journal of Security, Privacy and Trust Management (IJSPTM)*, Vol. 1, No 3/4.
- Mohamed, M, H., 2018, Secure *Watermarking* Algorithm Based on DNA Sequence Using DWT-SVD, Computer Science, Faculty of Computer and Information, Assiut University, Egypt.
- Munir, R., 2006, *Kriptografi*, Penerbit Informatika, Bandung.
- Murinto, 2003, *Digital Watermarking Dalam Domain Spatial Menggunakan Pendekatan Blok*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Neha, B.,&Atul, B., 2015, Comparative analysis of LSB, DCT and DWT for Digital Watermarking, *International Conference on Computing for Sustainable Global Development (INDIACom)*.
- Nugraheni, A, P., 2016, Image Encryption Using Rubik’s Cube Principle In Mobile Phone Environment, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Putri, A, L., 2015, Pengembangan Fitur Steganografi Dalam Aplikasi Mobile Pesan Instan Pada Sistem Operasi Android, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Rani, S., 2014, Skema Proteksi Hak Cipta Untuk Citra Warna Digital Menggunakan Visual Cryptography, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Schneier, B., 1996, *Aplied Cryptography 2nd Edition*, John Wiley & Sons, New York

Silangen, M., 2017, *Enkripsi Dan Penyembunyian Data Dalam File Audio Menggunakan Triple DES Dan Parity Coding*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Soplanit, S., 2004, *Perbandingan Metode Enkripsi Citra Berbasis Sistem Chaos Antara "Simple Chaos Based Image Encryption I Menggunakan Satu Kunci Dan Dua Kunci" Dengan "Chaotic Key Based Algorithm"*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Stinson, R., D., 1995, *Cryptography Theory and Practice 2nd Edition*, CRC Press, Inc, Boca Raton, London.

Sugiharto, A., 2004, *Watermarking Citra Digital Dengan Transformasi Wavelet Diskrit*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Susanto, A., 2009, *Penerapan Teori Chaos di Dalam Kriptografi*, Program Studi Teknik Informatika, Institut Teknologi Bandung.

Tarigan, T, E., 2015, *Algoritma MEoF (Modifikasi End of File) Untuk Steganografi Pada Citra Bitmap 24 Bit*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Sutojo, T., Mulyanto, E., 2017, *Teori Pengolahan Citra Digital*, Penerbit ANDI, Yogyakarta.

Trappe, W.dan Washington, L., 2006, *Introduction to Cryptography with Coding Theory 2nd Edition*, Prentice Hall, USA.

Wahyudi, H., 2010, *Penyembunyian Data Terenkripsi Chaos Pada Citra Digital Menggunakan Metode LSB Berdasarkan Skema Kode Hamming (7,4)*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Waluyantari, A, V., 2017, *Sistem Kriptografi Memanfaatkan Neural Network Multilayer*

Perceptron Dengan Audio Sebagai Pembangkit Kunci Asimetri, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Wang, B., 2015, Image *watermarking* using chaotic map and DNA coding, Zhao, Key Laboratory of Advanced Design and Intelligent Computing (Dalian University), Ministry of Education, Dalian 116622, China, <http://dx.doi.org/10.1016/j.ijleo.2015.09.217>.

Wei,C. & Zhaodan, L., 2016, Robust *Watermarking* Algorithm of Color Image Based on DWT-DCT and Chaotic System, 2016 First IEEE International Conference on Computer Communication and the Internet, Northeastern University Shenyang, China.

Wu, Y., 2012, Image Encryption Using The Two-dimensional Logistic Chaotic Map, Department of Electrical and Computer Engineering, Tufts University Medford, Massachusetts 02155, United States.

Wulandari, M., 2015, Steganografi Dengan Interpolasi Pada Citra Medis, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.

Xu, M., & Tian, Z., 2017, Security analysis of a novel fusion encryption algorithm based on dna sequence operation and hyper-chaotic system. *Optik - International Journal for Light and Electron Optics*, 134, 45–52. <https://doi.org/10.1016/j.ijleo.2017.01.029>

Yoeseph, N, M., Steganografi Pada Berkas MP3 Jamak Dengan Metode Spread Spectrum Dan Shamir's Secret Sharing, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

Younes, M.A.B. dan Jantan, A., 2008, *Image Encryption Using Block-Based Transformation Algorithm*, IAENG International Journal of Computer Science.

Yunus, M., 2013, Penyembunyian Data Pada File Video Dengan Menggunakan Metode Least Significant Bit Dan Discrete Cosine Transform, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

- Zachariah, S. A., Rajasekar, D., Agilandeewari, L., & Prabukumar, M., 2017, IoT-based real time signature authentication and transfer from document to document with DNA encryption. *Proceedings on 2016 2nd International Conference on Next Generation Computing Technologies, NGCT 2016*, (October), 1–8. <https://doi.org/10.1109/NGCT.2016.7877380>
- Zhang, X., & Wang, X., 2017, Multiple-image encryption algorithm based on mixed image element and permutation. *Optics and Lasers in Engineering*, 92(December 2016), 6–16. <https://doi.org/10.1016/j.optlaseng.2016.12.005>.
- Zulfikar, D, H., 2015, Pengaruh Penerapan Point Operation Image Enhancement Pada Citra Penampung Terhadap Kapasitas Pesan Pada Steganografi DCT Sekuensial Dan Steganografi DCT F5, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.