

simulated. The image and hidden data are reconstructed with the SNR level ≥ 9 dB.

REFERENCES

1. Receiver Compatible Data Hiding in Color Image Debnath Bhattacharyya¹, Arpita Roy², Pranab Roy², and Tai-hoon Kim³ International Journal of Advanced Science and Technology Volume 6, May, 2009.
2. W. Bender, D. Gruhl, N. Morimoto, A. Lu, "Techniques for data hiding", IBM Systems Journal, Vol. 35, Issue 3-4, 1996, pp. 313-336.
3. F. Petitcolas, R. Anderson and M. Kuhn, "Information Hiding-A Survey", Proceedings of the IEEE, Special Issue on Protection of Multimedia Content, Vol. 87, Issue 7, July 1999, pp. 1062-1078.
4. N.F. Johnson and S. Jajodia, "Exploring steganography: seeing the unseen", Computer, Vol. 31, Issue 2, February 1998, pp. 26
5. K. Stefan and A. Fabien, "Information hiding techniques for steganography and digital watermarking", Artech House Books, December 1999.
6. Alfred J. Menezes, Paul C. van Oorschot and Scott A. Vanstone, "Handbook of Applied Cryptography", CRC Press, 1996.
7. R. Chandramouli and Nasir Memon, "Analysis of LSB Based Image Steganography Techniques", 2001 International Conference on Image Processing, October 7-10, 2001, Thessaloniki, Greece, Vol. 3, pp. 1019-1022.
8. (FIPS), F. I. P. S. "Data encryption standard (des)", Federal Information Processing Standards Publication, October 25, 1999.
9. M. Wu and J. Lee, "A Novel Data Embedding Method for Two-Color Facsimile Images", International Symposium on Multimedia Information Processing, Taiwan, December 1998.
10. M. Wu, E. Tang, B. Liu, "Data Hiding in Digital Binary Image", 2000 IEEE International Conference on Multimedia and Expo, Vol. 1, July 30-August 2, 2000, New York City, NY, USA, pp. 393-396.
11. Hsiang-Kuang Pan, Yu-Yuan Chen, Yu-Chee Tseng, "A Secure Data Hiding Scheme for Two-Color Images", Fifth IEEE Symposium on Computers and Communications, 3-6 July, 2000, Antibes-Juan Les Pins, France, pp.750.
12. M. U. Celik, G. Sharma, A. M. Tekalp, and E. Saber, "Reversible data hiding", IEEE ICIP-2002, Rochester, NY, Vol. 2, September 22-25, 2002, pp. 157-160.
13. A.D. McDonald and M.G. Kuhn, "StegFS: A Steganographic File System for Linux", Third International.
14. Ismail Avcibas, Nasir Memon and B. Sankur, "Steganalysis Using Image Quality Metrics", IEEE.
15. Transactions on Image Processing, Vol. 12, Issue 2, February 2003, pp. 221-229. Workshop on Information Hiding, LNCS, Vol. 1768, 1999, pp. 462-477.
16. Petticolas, Fabien, "Information Hiding Techniques for Steganography and Digital Watermarking", Artech House Publishers, December 1999.
17. Implementing Cisco IOS Network Security (IINS) Catherine Piquet Copyright © 2009 Cisco Systems, Inc. Published by: Cisco Press 800 East 96th Street Indianapolis, IN 46240 USA.
18. StegCure: An Amalgamation of Different Steganographic Methods in GIF Image L.Y. Por¹, W.K. Lai², Z. Alireza³, B. Delina⁴ Faculty of Computer Science and Information Technology University of Malaya 50603, Kuala Lumpur MALAYSIA .
19. S. Katzenbeisser, Fabien A.P. Petitcolas, *Information Techniques for Steganography and Digital Watermarking*, Artech House, Boston, London, 2000.
20. John Kadvany, "Positional Value and Linguistic Recursion", *Springer Netherlands*, Vol. 35, December 2007, pp. 487-520.
21. N. F. Johnson, S. Jajodia, "Exploring Steganography: Seeing the Unseen," *IEEE Computer*, February 1998, pp.26-34. *Image*, Vol. 3, pp. 1019-1022. L.Y. Por¹, W.K. Lai², Z. Alireza³, B. Delina⁴, 2008.
22. Mohammed Al-Mualla and Hussain Al-Ahmad, "Information Hiding: steganography and Watermarking". [Online]. Available: http://www.emirates.org/ieee/information_hiding.pdf, [Accessed: March 12, 2008].
23. Andrew D. Ker, "Steganalysis of Embedding in Two Least-Significant Bits", *IEEE Transactions On Information Forensics And Security*, Vol. 2, No 1, March 2007, pp. 46-54.
24. Neeta Deshpande, Snehal Kamalapurand Jacobs Daisy, "Implementation of LSB Steganography and Its Evaluation for Various Bits", *1st International Conference on Digital Information Management*, 6 Dec. 2006 pp.173-178.
25. Muthiyalu Jothir, Navaneetha Krishnan, "Statistical models for Secure Steganography Systems", *Digital Rights Management Seminar*, 15th May, 2006.
26. S. Reinsberg, et. al., *Phys. Med. Biol.* 50, 2651-2661, (2005). T. Morkel, J.H.P. Eloff, M.S. Olivier, "An Overview of Image Steganography", *Proceedings of the Fifth Annual Information Security South Africa Conference (ISSA2005)*.
27. Mehmet Utku Celik, Gaurav Sharma, Ahmet Murat Tekalp and Eli Saber. "Lossless Generalized-LSB Data Embedding", *IEEE Transaction on Image Processing*, Vol. 14, No.2, Feb 2005, pp. 253-266. Sandton, South Africa, 2005.
28. Alain Brainos, "A Study of steganography and the Art of Hiding Information", *Security Writer*, July 27, 2004.
29. Der-Chyuan Lou and Jiang-Lung Liu, "Steganographic Method for Secure Communications", *Elsevier Science Ltd*, Vol 21, No 5, 2002, pp 449-460.
30. Simon Haykin, 'Communication Systems', 4th edition, John Wiley & sons, Inc. 2001.
31. John G. Proakis, 'Digital Communications', Mc.Graw Hill, 4th edition, 2001.
32. Petitcolas, Fabien A.P., "Information Hiding: Techniques for Steganography and Digital Watermarking.", 2000