



## DAFTAR PUSTAKA

- Ahmed, S. M., 1995, *Image Processing Theory, Algorithms, and Architectures*, McGraw-Hill. Inc, pp. 377-478.
- Aiazzi, B., Alparone, L., Baronti, S., Lotti, F., 1997, Lossless Image Compression by Quantization Feedback in a Content Driven Enhanced Laplacian Pyramid, *IEEE Transaction on Image Processing*, Vol. 6, No. 6, June, pp. 831, 842.
- Amos, S. W., 1992, *Kamus Elektronika*, Penerbit PT Elex Media Komputindo, Jakarta.
- Antonini, M., Barlaud M., dan Mathieu P., 1991, Image Coding Using Lattice Vector Quantization of Wavelet Coefficients, in *Proc. IEEE Int. Conf. Acoust, Speech, Signal Processing*, Canada.
- Bond, D. M. dan S. A. Vavasis, *Fast Wavelet Transforms for Matrices Arising from Boundary Element Methods*, Center for Applied Mathematics, Engineering and Theory Center, Cornell University, Ithaca, NY 14853, March 24, 1994.
- Bruce, A., Donoho, D., dan Gao, H. Y., 1996, Wavelet Analysis, *IEEE Spectrum*, October, pp. 26-28.
- Caglar, H., Gunturk, S., Sankur, B., dan Anarim, E., 1998, VQ Adaptive Block Transform Coding of Image, *IEEE Transaction on Image Processing*, Vol. 7, No. 1, January, pp. 110.
- Chau, F.T, Shih, T.M., Gao, J.B., dan Chan, C.K., 1997, Application of the Fast Wavelet Transform Method to Compress Ultraviolet-Visible Spectra, Department of applied Biology and Chemical Technology, Hong Kong, *Proceeding of the 1997 International Conference on Image Processing (ICIP'97)*, IEEE.
- Chui, C., 1992, *An Introduction to Wavelets*, Department of Mathematics Texas A&M University, College Station, Texas, pp. 1-6.
- Cun-Cun, K. dan Mark, P. E., 1994, *Teknik Kompresi File, Mikrodata*, vol. 9 Seri 9, pp. 8-12.
- Da Silva, E.A.B. and Ghanbari, M., 1996, On the Performance of Linear Phase Wavelet Transforms in Low Bit-Rate Image Coding, *IEEE Transactions on Image Processing*, Vol. 5, No. 5, May, pp. 689.





- Daubechies, I., 1992, *Ten Lectures of Wavelets*, SIAM, pp. 1-4.
- Daubechies, I., 2000, *Where do Wavelets Come From?-A Personal Point of View*, Department of mathematics and Program in Applied and Computational Mathematics, Princeton University, pp. 1-7.
- Duhamel, P., 1993, Guest Editor Introduction Wavelets and Signal Processing, *IEEE Transactions on Signal Processing*, Vol. 4, No. 12, December, pp. 3213.
- Effelsberg, W. dan Steinmetz, R., 1998, *Video Compression Techniques*, Andy Ross, Heidelberg, Germany, pp. 9-21.
- Evangelista, G., 1993, Pitch-Synchronous Wavelet Representations of Speech and Music Signals, *IEEE Trans. on Signal Processing*, Vol. 41, No. 12, December, pp. 3313.
- Fournier, A., 1995, *Wavelets and their Applications in Computer Graphics, Course Notes*, University of British, Columbia, pp. 19, 27, dan 107-116.
- Gardner, W. A., 1990, *Introduction to Random Processes with Application to Signals and System*, Second Edition, McGraw-Hill, Inc., Singapore, pp. 105-106.
- Graps, A., 1995, An Introduction to Wavelets, *IEEE Computational Science and Engineering*, USA, pp. 1-5, dan 7-8.
- Gray, R. M., 1984, Vector Quantization, *IEEE ASSP Magazine*, Vol.1, No.2, April, pp. 4-29.
- Guleryuz, O.G., Student Member, IEEE, dan Orchard, M.T., 1997, Optimized Non-orthogonal Transforms for Image Compression, *IEEE Transaction on Image Processing*, Vol. 6, No. 4, April, pp. 507.
- Halliday, D., dan Resnick, R., 1990, *Fisika, Jilid 1*, Edisi Ketiga, Erlangga, Jakarta, pp. 442-443.
- Halliday, D., dan Resnick, R., 1994, *Fisika, Jilid 2*, Edisi Ketiga, Erlangga, Jakarta, pp. 232.
- Jain, A. K., 1995, *Fundamentals of Digital Image Processing*, Prentice-Hall of India Private Limited, New Delhi.
- Janet Liu, T.C., 1997, Wavelet Transform Module for IBM AIX Visualization Data Explorer, *IEEE*, pp. 1-5.



- Kadir, A., 1998, *Pemampatan Data Citra Menggunakan Gelombang-singkat*, 14 Januari, Tesis, Teknik Elektro, Universitas Gadjah Mada, Yogyakarta, pp. 10-11 dan 18-21.
- Kaiser, G., 1994, *Friendly Guide to Wavelet*, USA, pp. 12.
- Keiser, G. E., 1989, *Local Area Networks*, McGraw-Hill Book Company, Singapore.
- Kronander, T., 1989, *Some Aspects of Perception Based Image Coding*, Ph. D. Dissertation, Sweden.
- Le Gall, D., 1991, MPEG: A Video Compression Standard for Multimedia Applications, *Communications of the ACM*, Vol. 34 No. 4 April, pp. 47-58.
- Lee, J. S., Sun, Y. N., dan Chen, C. H., 1995, Multiscale Corner Detection by Using Wavelet Transform, *IEEE Transactions on Image Processing*, Vol. 4, No. 1, January, pp. 100.
- Lei, S. M., 1995, Efficient Multiplication-Free Arithmetic Codes, *IEEE Trans. on Communications*, Vol. 43, No. 12, December, pp. 2950.
- Livingston, J. N., dan Tung, C. C., 1996, Bandwidth Efficient PAM Signaling Using Wavelets, *IEEE Transactions on Communications*, Vol. 44, No. 12, December, pp. 1629.
- Low, A., 1991, *Introductory Computer Vision and Image Processing*, McGraw-Hill Book Company (UK) Ltd, pp. 191-194.
- Mallat, S. G., 1989, A theory for Multiresolution Signal Decomposition: The Wavelet Representation, *IEEE Trans. Patt. Anal. Machine intell.*, Vol. 2, July, pp. 674-693.
- Mallat, S.G., 1989, Multifrequency Channel Decomposition of Image and Wavelet Models, *IEEE Trans. Acoust., Speech, Signal Processing*, Vol. 37, pp. 2091-2110.
- Misiti, M., Misiti, Y., Oppenheim, G., dan Poggi, J. M., 1997, *Wavelet Toolbox For Use with MATLAB, User's Guide*, Version 1, MathWorks, Inc., pp. Bab 1 (3-11, 15-16, dan 31-35) dan Bab 7 (3-16).
- Morton, P. dan Petersen A., 1997, *Image Compression Using the Haar Wavelet Transform*, Math 45, College of the Redwoods, December 19, pp. 1-9.



- Murni, M., 1992, *Pengantar Pengolahan Citra*, Penerbit PT Elex Media Komputindo Kelompok Gramedia, Jakarta, pp. 5.
- Muslim, Z., 1994, *Gelombang dan Optika*, Departement Pendidikan dan Kebudayaan Direktorat Jenderal Pendidikan Tinggi Proyek Pembinaan Tenaga Kependidikan pendidikan Tinggi, Jurusan Fisika FMIPA-UGM.
- Nelson, M., dan Gailly, J. L., 1992, *The Data Compression Book*, M&T Books, New York, pp. 345-346.
- Oppenheim, A. V., Willsky, A. S., dan Young, I. T., 1983, *Signals and Systems*, Printed in United States of America, pp. 321.
- Papoulis, A., 1977, *Signal Analysis*, McGraw-Hill, Inc., Tokyo Japan.
- Porter, R., dan Canagarajah, N., 1996, A Robust Automatic Clustering Scheme for Image Segmentation Using Wavelets, *IEEE Trans.on Image Processing*, Vol. 5, No. 4, April, pp. 662.
- Press, M., 1995, *Kamus Komputer*, Penerbit PT Elex Media Komputindo Kelompok Gramedia, Jakarta.
- Rabinovitch, I. dan Venetsanopoulos, A.N., 1997, High Quality Image Compression Using the wavelet Transform, University of Toronto, *Proceeding of the 1997 International Conference on Image Processing (ICIP'97)*, IEEE.
- Rioul, O., 1993, Regular Wavelets: A Discrete-Time Approach, *IEEE Trans. on Signal Processing*, Vol. 41, No. 12, December.
- Schalkoff, R. J., 1989, *Digital Image Processing And Computer Vision*, John Willey & Sons, Inc, Canada.
- Shensa, M. J., 1992, The Discrete Wavelet Transform: Wedding the A Trouns and Mallat Algorithms, *IEEE Transactions on Signal Processing*, Vol. 40, No. 10, October, pp. 2464.
- Sinha, D., dan Tewfik, A. H., 1993, Low Bit Rate Transparent Audio Compression using Adapted Wavelets, *IEEE Trans. on Signal Processing*, Vol. 41, No. 12, December, pp. 3463.
- Srinivasan, P. Member, IEEE, dan Jamieson, L.H., 1998, High-Quality Audio Compression Using an Adaptive Wavelet Packet Decomposition and



- Psychoacoustic Modeling, *IEEE Transaction on Signal Processing*, Vol. 46, No. 4 April, pp. 1085.
- Stollnitz, E. J., DeRose, T. D., dan Salesin, D. H., 1996, *Wavelet for Computer Graphics Theory and Application*, Morgan Kaufmann Publishers, Inc., San Francisco, California, pp. 9-25, 89-90, dan 97-98.
- Sweldens, W., 1994, *Construction and Applications of Wavelet in Numerical Analysis*, Columbia, March, PhD. Thesis, pp. 12-13, 29, dan 39.
- Tanenbaum, A. S., 1989, *Computer Networks*, Prentice-Hall International Inc. Second Edition, USA, pp. 472-473, 490-496.
- Taubman, D. dan Zakhor, A., 1994, Multirate 3-D Subband coding of Video, *IEEE Trans., Image Processing*, Vol. 3, No. 5, pp. 572-588.
- Tjia, M. O., 1993, *Gelombang*, Bandung, pp. 1.
- Unser, M., 1995, Texture Classification and Segmentation Using Wavelet Frames, *IEEE Transactions on Image Processing*, Vol. 4, No. 11, November, pp. 1549.
- Vetterli, M., 1995, *Wavelets and Subband Coding*, Prentice Hall PTR, Englewood Cliffs, New Jersey, pp. 19, 77-79, 301-311, dan 393-394.
- Vetterli, M., dan Herley, C., 1992, Wavelets and Filter banks: Theory and Design, *IEEE Trans., Signal Processing*, Vol. 40, pp. 2207-2232.
- Villasenor, J. D., Belzer, B., dan Liao, J., 1995, Wavelet Filter Evaluation for Image Compression, *IEEE Transactions on Image Processing*, Vol. 4, No. 8, August, pp. 1053.
- Wang, G., Zhang, J., dan Pan, G. W., 1995, Solution of Inverse Problems in Image Processing by Wavelet Expansion, *IEEE Transactions on Image Processing*, Vol. 4, No. 5, May, pp. 579.
- Watson, A.B., Yang, G.Y., Solomon, J.A., dan Villasenor, J., 1997, Visibility of Wavelet Quantization Noise, *IEEE Transaction on Image Processing*, Vol. 6, No. 8 August, pp. 1164 dan 1166.
- Wickerhauser, M. V., 1994, *Adapted Wavelets Analysis from Theory to Software*, A. K. Peters, Boston.



Wijono, S., 1996, *Kompresi File Sound dengan ADPCM, Mikrodata*, Volume 1 Seri 11, pp. 65-67.

Yonata, Y., 2002, *Kompresi Video*, penerbit PT Elex Media Komputindo, Gramedia, Jakarta, pp. 5.



# LAMPIRAN

## I

- AWAL STRATEGI DASAR MENCARI  
GS
- SEJARAH SINGKAT GELOMBANG-  
SINGKAT