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Referências bibliográficas

AKAY, M. **Wavelet applications in medicine.** IEEE Spectrum, 34, no. 5, 50-56. 1997.

ANTONIOU, A. **Digital Filters Analysis, Design an Applications**, Second Edition, McGraw-Hill International Editions. 1993.

AUGER, F.; FLANDRIN, P.; GONÇALVÈS, P.; LEMOINE, O. **Time Frequency Toolbox Tutorial**. CNRS:France. 1996.

BARANIUK, R.G.; COATES, M.; STEEGHS P. **Hybrid Linear/Quadratic Time-Frequency Attributes.** IEEE Transactions on Signal Processing. Pp. 760-766. 2001

BEDNAR, J. B. **Least squares dip and coherency attributes**: The Leading Edge, June, 777-778. 1998.

BOSE, N. K., AND PRABHU, K. A. **Two-dimensional discrete Hilbert transform and computational complexity aspects in its implementation.** IEEE Transaction on acoustics, speech, and signal processing, vol. Assp-27, no.4, August. 1979.

BROWN, A. R. **Interpretation of Three-Dimensional Seismic Data**, Fifth Edition, SEG-AAPG publication. 1999.

BROWN, A. R. **Understanding seismic attributes.** Geophysics, 66, 47–48. 2001.

BURRUS, C. S., GUO, H., GOPINATH, R. A. **Introduction to wavelets and wavelet transforms: A Primer.** Prentice Hall. 1997.

CAIXETA, J. M. , BARROS, A. Z. N. DE, RIBET ,B. DE. **Reservoir characterization using seismic amplitude and facies analysis: A case study.** Sixth International Congress of the Brazillian Geophysical Society. 1999.

CARR, M., COOPER, R., SMITH, M., TANER, M.T., WALLS, J. **The Integration of Surface Seismic and Borehole Data Using Artificial Neural Network Clustering Methods**. ASEG Expanded Abstracts. 2001.

CHAKRABORTY, A.; OKAYA D. **Frequency-time decomposition of seismic data using wavelet-based methods.** GEOPHYSICS, VOL. 60, NO. 6 Pp. 1906-1916. Nov-Dec 1995.

CHEN, Q.; SIDNEY, S. **Seismic Attribute Technology for Reservoir Forecasting and Monitoring**, The Leading Edge. May 1997.

COHEN L. **Time-Frequency Analysis**. Prentice-Hall. 1995

COHEN, J.K., AND T. CHEN. **Quantitative dip bounds for the two-dimensional discrete wavelet transform**. Mathematical Methods in Geophysical Imaging, 2033, 140-157. 1993.

COLÉOU T., POUPON M., AND AZBEL K. **Interpreter's Corner— Unsupervised seismic facies classification: A review and comparison of techniques and implementation**. The Leading Edge, p. 942, Vol 22, Issue 10. Oct 2003.

COSTA, J.A.F. **Classificação Automática e Análise de Dados por Redes Neurais Auto-Organizáveis**. Tese de Doutorado. Universidade de Campinas. Dezembro 1999.

DAVIES, D.L.; BOULDIN, D.W. **A cluster separation measure.** IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. PAMI-1, no.2, pp. 224-227, 1979.

DUARTE, O. **Dicionário de Geofísica**. SBGf. 2003.

DUDA, R.O.; HART P.O.; STORK D. G. **Pattern Classification 2nd ed.** John Willey & Sons, Inc. 2001

DUMAY, J., FOURNIER, F. **Multivariate Statistical Analyses applied to Seismic Facies Recognition**. Geophysics, p. 1151-1159, Vol. 53 No. 9. 1988.

ESSENREITER, R.; KARRENBACH, M.; TREITEL, S. **Identification and Classification of Multiple Reflections with Self-Organizing Maps**. Geophysical Prospecting; May 2001.

FAINSTEIN, R., JAMIESON,G.A. **Brazil 2001 - A Spec Odyssey**. Pesa News. Aug-Sept 2001.

FLANDRIN, P. **Time-Frequency / Time-Scale Analysis**. Academic Press. 1999.

FLEXER, A. **On the Use of Self-Organizing Maps for Clustering and Visualization.** Intelligent Data Analysis 5. IOS Press. P. 373-384. 2001.

FOURNIER, F., DERAIN, J.F. A Statistical Methodology for Deriving Reservoir Properties from Seismic Data. Geophysics, p. 1437-1450, Vol. 60, No. 5. 1995.

GOCHIOCO, L.M. **Tuning effect and interference reflections from thin beds and coal seams.** Geophysics, 56, 1288-1295. 1991.

GOPINATH, R. A. AND BURRUS, C. S. **A tutorial overview of filter banks, wavelets and interrelations.** Dept. of Electrical and Computer Engineering, RiceUniversity, Houston, TX-77251.

GOYAL, V.K. **Quantized Overcomplete Expansions: Analysis, Synthesis and Algorithms.** Relatório Interno. Electronics Research Laboratory: College of Engineering. University of California, Berkeley. 1995

GOYAL, V.K.; VETTERLI, M.; THAO, N.T. **Quantization of Overcomplete Expansions.** Proc. Data Compression Conf. (Snowbird, Utah), March. 1995.

GROSSMANN, A.; MORLET, J. **Decomposition of Hardy functions into square integrablewavelets of constant shape**. SIAM J. Math. Vol 15. Pp. 723-736. 1984.

GROSSMANN, A.; MORLET, J. **Decomposition of Hardy functions into square integrable wavelets of constant shape.** SIAM J. Math, vol. 15, pp. 723-736. 1984

GURNEY, K. **An Introduction to Neural Networks**, UCL Press, 1 Gunpowder Square, London EC4A 3DE, UK. 1997.

HAGEN, D. C. **The application of principal components analysis to seismic data sets.** IEEE, Proc. Of the 2nd International Symposium on Computer Aided Seismic Analysis and Discrimination, pp. 98-109. 1982.

HAGEN, D. C. **The application of principal components analysis to seismic data sets.** Geoexploration, Vol. 20, pp. 93-111. 1981.

HAMPSON, D,P., SCHUELKE, J. S. AND QUIREIN, J. A. **Use of multiattribute transforms to predict log properties from seismic data**. Geophysics, 66, January-February, 220 –236. 2001.

HAYKIN, S. **Neural Networks a Comprehensive Foundation 2nd ed**. Prentice Hall. 1999

HERRMANN, F AND AND STARK, C. **A scale attribute for texture in well- and seismic data**. 70th Annual Internat. Mtg., Soc. Expl. Geophys. SEG Expanded Abstracts. 2000

HERRMANN, F AND AND STARK, C. **Monoscale analysis of edges/reflectors using fractional differentiations/integrations.** 69th Annual Internat. Mtg., Soc. Expl. Geophys. SEG Expanded Abstracts. 1999.

HERRMANN, F. J. **A scaling medium representation and its implication for acoustic wave propagation**. 67th Annual Internat. Mtg., Soc. Expl. Geophys. SEG Expanded Abstracts. 1997.

HERRMANN, F. J. **Evidence of scaling for acoustic waves in multiscale media and its possible implications**. 68th Annual Internat. Mtg., Soc. Expl. Geophys.: SEG Expanded Abstracts. 1998.

HERRMANN, F. J. **Multiscale analysis of well and seismic data**. Mathematical Methods in Geophysical Imaging V, p.180-208. 1998.

HOEKSTRA, E.V. **Multiscale Analysis of Seismic Data by the Wavelet Transform**. Msc. Thesis, Delft University of Technology. 1996

HYNE, N.J. **Nontechnical guide to petroleum geology, exploration, drilling, and producing. 2nd edition.** PenWell Corporation. 2001.

JAFFARD, S.; RYAN R.D.; MEYER Y. **Wavelets: Tools for Science & Technology, Society for Industrial & Applied Mathematics; 2nd edition.** SIAM. 2001

JIAO, L. AND MOON, W. M. **Detection of seismic refraction signals using a variance fractal dimension technique**. Geophysics. 65, January- February, pp. 286 –292. 2000.

JIMÉNEZ, J. R., PEINADO, A. AND MICHELENA, R. J. **Facies Recognition using Wavelet Based Fractal Analysis on Compressed Seismic Data**. Sixth International Congress of the Brazilian Geophysical Society. 1999.

JINGHUAI, G., LI YOUMING AND CHEN WENCHAO. **On the instantaneous attributes analysis of seismic data via wavelet transform.** 68th Annual Internat. Mtg., Soc. Expl. Geophys., Expanded Abstracts. 1998

JOHANN P.; CASTRO, D.D.; BARROSO, A.S. **Reservoir Geophysics: Seismic Pattern Recognition Applied to Ultra-deepwater oilfield in Campos Basin, Offshore Brazil**. SPE International, Argentina. 2000.

JOHANN, P. R. S., AND RIBET, B. **Multivariate seismic pattern recognition and Kohonen maps applied a deepwater turbidite reservoir in Campos Basin, Brazil**. Sixth International Congress of the Brazillian Geophysical Society. 1999.

JOHANN, P.R.S. **Inversion sismo-stratigraphique et simulations stochastiques: reservoir turbiditique, offshore du brésil. Intégration géologique, géophysique et géostatistique en 3-D**, Ph. D. Thesis, Université de Paris VI. 1999.

JOHANN. P., CASTRO, D. D., AND BARROSO, A. S. **Reservoir Geophysics: Seismic pattern recognition applied to ultra-deepwater oilfield in Campos Basin, Offshore Brazil**. SPE International, Argentina. 2001.

JUSTICE, J. H., HAWKINS, D. J. and WONG, G. **Multidimensional attribute analysis and pattern recognition for seismic interpretation**. Pattern Recognition, Vol. **18**, No. 6, pp. 391-407. 1985.

KALLWEIT, R., S. AND WOOD, L. C. **The limits of resolution of zero-phase wavelets**. Geophysics, v. 47, no7, pp 1035-1046. 1982.

KASKI, S. **Data Exploration Using Self-Organizing Maps.** Doctoral Thesis. Helsinki University of Technology. 1997.

KHATTRI, K. and GIR, R. **A study of the seismic signatures of sedimentation models using synthetic seismograms**. Geophysics, 34, 454-477. 1976

KHATTRI, K., SINVHAL, A. and AWASTHI, A. K. **Seismic discrimination of stratigraphy derived from Monte-Carlo simulation of sedimentary formations**. Geophysical Prospecting. Vol. 27, pp. 168-195. 1979.

KINGSBURY, N. **The dual_tree complex wavelet transform: A new technique for shift invariance and directional filters.**, European Signal Processing Conference. EUSIPCO . 1998.

KNAPP, R. W. **Vertical resolution of thick beds, thin beds, and thin-bed Cyclothems.** Geophysics, 55, 1183-1190. 1990

KOHONEN, T. **Self-Organizing Maps 3rd ed**. Springer-Verlag. 2001

KOHONEN, T. **The Self-Organizing Map**. Proceedings of the IEEE. Vol. 78. No. 9. 1990.

KUBICHECK, R. F. and QUINCY, E. A. **Identification of seismic stratigraphic traps using statistical pattern recognition**. Pattern recognition, Vol. 18, No. 6, pp. 441-448. 1985

KUBICHECK, R. F. and QUINCY, E. A. **Statistical modeling and feature selection for seismic pattern recognition.** Pattern recognition, Vol. **18**, No. 6, pp. 441-448. 1985.

LENDZIONOWSKI, V. WALDEN, A. T. and WHITE, R. E. **Seismic character mapping over reservoir intervals**. Geophysical Prospecting, Vol. 38, pp. 951-969. 1990. LENDZIONOWSKI, V. WALDEN, A. T. and WHITE, R. E., 1990, Seismic character mapping over reservoir intervals: Geophysical Prospecting, Vol. 38, pp. 951-969.

LEVIN, S. A. AND HOOP, M. **Extracting information from geophysical, medical, and space images**. TLE, June**,** p. 593. 2002

LI, X.P. **Wavelet power spectrum analysis of heterogeneities from sonic velocity logs**. Geophysical Prospecting, 46, 455-475. 1998.

LUO, Y., AL-DOSSARY, S., MARHOON, M., ALFARAJ, M. **Generalized Hilbert Transform and its Application in Geophysics.** The Leading Edge. pp 198 – 202. March. 2003.

MALLAT, S. **A wavelet tour of signal processing**. Academic Press. 1998.

MALLAT, S.; HWANG, W.L. **Singularity detection and processing with wavelets**. IEEE Transactions on Information Theory. P. 617–643Vol: 38, Issue: 2. March 1992.

MALLAT, S.; ZHONG, S. **Characterization of signals from multiscale edges.** IEEE Transactions on Pattern Analysis and Machine Intelligence. P. 710 – 732, Vol. 14, Issue: 7, July 1992.

MALLAT, S.G.; ZHANG, Z. **Matching pursuits with time-frequency dictionaries, Signal Processing**. IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol: 41, Issue: 12. 1993.

MARANGAKIS, A., COSTAIN, J. K. AND CORUH, C. **Use of integrated energy spectra for thin-layer recognition**. Geophysics. V. 50, no 3, pp. 495-500. 1985.

MARFURT, K. J.; KIRLIN, R. L. **Narrow-band spectral analysis and thin-bed tuning**. Geophysics, 66, 1274-1283. 2001

MARFURT,K. J., KIRLIN, R. L., FARMER, S. L. AND BAHORICH, M. S. **3-D seismic attributes using a semblance-based coherency algorithm**, Geophysics, 63, 1150–1165. 1998.

MARPLE JR., S.L. **Computing the Discrete-Time Analytic Signal via FFT.** IEEE Transactions on Signal Processing, Vol.47, No.9. 1999.

MATHIEU, P. G. and RICE, G. W. **Multivariate analysis used in the detection of stratigraphic anomalies from seismic data**. Geophysics, Vol. 34, pp. 507-515. 1969.

MATOS, M.C., OSORIO, P.L.M. **Aplicação Da Transformada Wavelet 2d Na Supressão De Ruído Sísmico Terrestre.** Congresso Brasileiro de Automática. 2002.

MATOS, M.C., OSORIO, P.L.M. **Supressão do Ruído de Rolamento Superficial Utilizando Transformada Wavelet 2D.** 7th International Congress of the Brazilian Geophysical Society. Salvador-Ba. 2001.

MATOS, M.C., OSORIO, P.L.M. **Wavelet Transform Filtering in the 1D and 2D for Ground Roll Suppression.** 72th SEG Annual Meeting. 2002.

MATOS, M.C., OSORIO, P.L.M., JOHANN, P.R.S. **Unsupervised Seismic Reservoir Characterization Using Wavelet Transform and Self Organizing Maps of a Deep-water Field, Campos Basin, Offshore Brazil.** 73th SEG Annual Meeting. 2003.

MATOS, M.C., OSORIO, P.L.M., JOHANN, P.R.S. **Unsupervised Seismic Facies Classification Using Matching Pursuit and Self Organizing Maps.** 66th EAGE Annual Meeting. Paris-FR. 2004.

MATOS, M.C., OSORIO, P.L.M., JOHANN, P.R.S. **Using Wavelet Transform and Self Organizing Maps for Seismic Reservoir Characterization of a Deep-water Field, Campos Basin, Offshore Brazil.** 65th EAGE Annual Meeting. Stavanger-NO. 2004.

MATOS, M.C., OSORIO, P.L.M., JOHANN, P.R.S. **Using Wavelet Transform and Self Organizing Maps for Seismic Reservoir Characterization of a Deep-water Field, Campos Basin, Offshore Brazil.** 8th International Congress of the Brazilian Geophysical Society. Rio de Janeiro-RJ. 2003.

MATOS, M.C., OSORIO, P.L.M., RIBEIRO, J.G.T. **Increasing The In-Bore Velocity Measurements Resolution Using Non "Fourier" Time-Frequency Analysis.** 19th International Symposium of Ballistics. Interlaken, Switzerland. 2001.

MICHELENA, R. J., GONZÁLEZ, E. S. M., AND CAPELLO, M. P. **Similarity analysis: A new tool to summarize seismic attributes information**. The leading edge, April. 1998

MISITI, M, MISITI, Y., OPPENHEIM G. AND POGGI, J.-M., **Toolbox Wavelet For Use with MATLAB**. The Mathworks inc. 1996.

MITCHUM, R.M. **Glossary of Terms Used in Seismic Stratigrphy.** AAPG Memoir 26. P. 205-212. 1977.

MORICE, M., KESKES, N., JEAN, F. **Manual and automatic seismic facies on SISMAGE worstation: Un example of image analysis technique applied to the exploration of Perdana-Nakhoda turbidic fan complex (Pliocene offshore Brunei), IMA3G research project, Elf aquitaine production**. SEG Meeting abstracts. 1996

MUNDIM, E. C., JOHANN, P. AND REMACRE, A. Z. **Factorial kriging analysis: Geostatistical filtering applied to reservoir characterization**. The Leading Edge, July, p. 787. 1999.

OPPENHEIN, A. V.; SHAFER, R. W.; BUCK, J. R. **Discrete-Time Signal Processing, Second Edition**. Prentice Hall. 1999.

PANDYA, A.S.; MACY, R.S. **Pattern Recognition with Neural Networks in C++** CRC Press. 1995.

PARTYKA, G.; GRIDLEY, J.; LOPEZ, J. **Interpretational applications of spectral decomposition in reservoir characterization.** The Leading Edge. Pp. 353-360. March. 1999

POLIKAR, R. **Theory and engineering applications of wavelets: Course notes.** Disponível em: <http://users.rowan.edu/~polikar/CLASSES/ECE554/>. Acesso em 10 nov 2003. 2002.

QIAN, S. **Introduction to Time-Frequency and Wavelet Transforms**. Prentice Hall. 2002

RANKEY E. C. AND MITCHELL J. C. **Interpreter's Corner—That's why it's called interpretation: Impact of horizon uncertainty on seismic attribute analysis**. The Leading Edge, p. 820; Vol 22, Issue 9. Sept 2003

REILLY, A.; FRAZER, G.; BOASHASH, B. **Analytic Signal Generation – Tips and Traps**. IEEE Transactions on Signal Processing, Vol.42, No.11. 1994.

ROKSANDIC, M. M. **Stratification and reflections**. First Break, Vol. **3**, No. 9, pp. 9-16. 1985.

RUSSEL, B., HAMPSON, D., SCHUELKE J. AND QUIREIN, J. **Multiattribute seismic analysis**. The Leading Edge, October. 1997.

SAGGAF, M. M., MARHOON, M. I., TOKSÖZ, M. N. Seismic Fácies Mapping by Competitive Neural Networks. SEG Expanded Abstracts. 2001

SANTOS, M.S. **Caracterização de Reservatórios via Redes Neurais**. Dissertação de Mestrado, UFBa. 1997

SCHULTZ, P., RONEN, S., HATTORI, M., CORBERT, C. **Seismic-Guided Estimation of Log Properties, Part1: A data-driven interpretation methodology.** The Leading Edge. May 1994.

SCHULTZ, P., RONEN, S., HATTORI, M., CORBERT, C. **Seismic-Guided Estimation of Log Properties, Part2: Using artificial neural networks for nonlinear attribute calibration.** The Leading Edge. June 1994.

SCHULTZ, P., RONEN, S., HATTORI, M., CORBERT, C. **Seismic-Guided Estimation of Log Properties, Part3: A controlled study.** The Leading Edge. May 1994.

SCHLUMBERGER OILFIELD GLOSSARY; Disponível em <http://www.glossary.oilfield.slb.com> Acesso em 21 nov 2003.

Seis class training course. Schlumberger. 2001

SELESNICK, I.W. **The Design of Approximate Hilbert Transform Pairs of Wavelet Bases.** IEEE Trans. Signal Processing, vol 20. no. 5, pp. 1144 – 1152. 2002,

SERCEL 2003 Marine Acquisition Catalog. Disponível em <http://www.sercel.com>. Acesso em 21 nov 2003.

SHENSA, M.J. **The Discrete Wavelet Transform: Wedding the À Trous and Mallat Algorithms**. IEEE Transactions on Signal Processing. Vol. 40, No. 10. Oct 1992.

SHERIFF, R. E. **Factors affecting seismic amplitudes**. Geophysical Prospecting, v. 23, p. 125-138. 1975.

SHERIFF, R.E. **Basic Petrophysics and Geophysics. In: Reservoir Geophysics**. Edited by Robert Sheriff, p. 37-49. Society of Exploration Geophysics. 1992

SINVHAL, A. and KHATTRI, K. **Application of seismic reflection data to discriminate subsurface lithostratigraphy.** Geophysics, Vol. **48**, No. 8, pp. 1498. 1983.

SOCIEDADE BRASILEIRA DE GEOFÍSICA - SBGf. O que é geofísica. Disponível em <http://www.sbgf.or.br>. Acesso em 10 nov 2003.

SONNELAND, L. **Construction and interpretation of seismic classifier maps.** Expanded abstracts, EAGE, Copenhagen. 1990.

SONNELAND, L. et al., **Application of seismic wavefield attributes in reservoir characterization**. Expanded abstracts, SEG, Dallas, Vol. **II**, pp. 813-817. 1989

STARCK, J.-L., MURTAGH, F., BIJAOUI, A., **Image and data analysis: The multiscale approach.** Cambridge University Press. 1998.

STEEGHS, P.; DRIJKONINGEN, G. **Seismic sequence analysis and attribute extraction using quadratic time-frequency representations**. Geophysics. Pp. 1947-1959; Vol 66, Issue 6. Nov-Dec 2001

STOLLNITZ, E. J., DEROSE, T. D. AND SALESIN, D. H. **Wavelets for computer graphics: A primer part 1.** IEEE Computer Graphics and Applications, 15(3), 76–84, May. 1995.

STRANG, G., NGUYEN, T. **Wavelets and filter banks**. Wellesley-Cambridge Press. 2000

STRATIMAGIC Basic Training Course. Paradigm Geophysical. 2001

TANER, M. T. **Kohonen's Self Organizing Networks with "Conscience".** Rock Solid Images Report. Nov 1997.

TANER, M. T. **Seismic Attributes.** Canadian Society of Exploration Geophysicists. Sept 2000

TANER, M. T.; KOCHLER, F.; SHERIFF, R. E. **Complex seismic trace analysis**. Geophysics, 44, no. 6, 1041-1063. 1979

TANER, M.T., **Attributes Revisited**, Rock Solid Images Report. 2000.

TANG, Y.Y.; YANG, L.H.; LIU, J.; MA, H. **Wavelet theory and its application to pattern recognition.** World Scientific Publishing Co. 2000.

THEODORIDIS, S.; KOUTROUMBRAS, K. **Pattern Recognition**. Academic Press. 1999.

ULTSCH, A. **Knowledge Extraction from Self-Organizing Neural Networks. In: Opitz et al. Ed. Information and Classification**. Springer-Verlag. Berlin. 1993.

VAN SPAENDONCK, R.L.C. **Seismic Applications of Complex Wavelet Transforms.** Ph.D. Thesis. Delft University of Technology. 2002.

VAN SPAENDONCK, R.L.C., BARANIUK, R.G. **Direccional Scale Analysis for Seismic Interpretation.** The Society of Exploration of Geophysicists. SEG Expanded Abstracts. 1999.

VAN SPAENDONCK, R.L.C., BARANIUK, R.G. **Directional scale analysis for seismic interpretation.** The Society of Exploration of Geophysicists. SEG Expanded Abstract. 1999.

VAN SPAENDONCK, R.L.C., FERNANDES, F.C.A., BARANIUK, R.G., FOKKEMA, J.T. **Local Hilbert transformation for seismic attributes.** EAGE 64th. Conference & Technical Exhibition, Italy. 2002.

VAN SPAENDONCK, R.L.C.; DRIJKONINGEN, G.G.; FOKKEMA,J. T. **Directional Scale Analysis for Three Dimensional Seismic Interpretation.** European Association Geoscientists and Engineer. EAGE. 2000.

VAN SPAENDONCK, R.L.C.; FERNÁNDEZ, F.C.A.; BARANIUK, R.G.; FOKKEMA, J.T. **Local Hilbert Transformation for Seismic Attributes.** EAGE 64th Conference. Florence. 2002

VAN SPAENDONCK, R.L.C.; HINDRIKS, F.M.; FERNANDES, F.C.A.; DRIJKONINGEN, G.G. **Three-dimensional Attributes for Seismic Interpretation.** The Society of Exploration of Geophysicists. SEG Expanded Abstracts, 2000

VAN SPAENDONCK, R.L.C.; STEEGHS, P.; OVEREEM, I.; FERNANDES, F.C.A.; FOKKEMA, J.T. **Wavelet based volume attributes for seismic interpretation.** EAGE 63th Conference & Technical Exhibition. Amsterdam. 2001

VAN SPAENDONCK, RUTGER L.C.; FERNANDES, F.C.A.; FOKKEMA, J.T. SEG **Wavelet-based volume attributes.** The Society of Exploration of Geophysicists. SEG Expanded Abstracts. 2001.

VERHELST F. **Local wavelet attributes (amplitude, phase and scale) for geological characterization.** SEG Expanded Abstracts. 1998.

VERHELST, F. **Integration of seismic data with well-log data.** Tese de Doutorado. Universidade de Tecnologia de Delft. Holanda. 2000

VESANTO, J., ALHONIEMI, E. **Clustering of the Self-Organizing Map.** IEEE Transactions on Neural Networks, Volume 11, Number 3, pp. 586-600. 2000.

VESANTO, J., HIMBERG, J., ALHONIEMI, E., PARHANKANGAS, J. **Self-Organizing Map in Matlab: The SOM Toolbox.** Proceedings of the Matlab DSP Conference. Espoo, Finland. 1999.

WALLS, J. D., TANER, M. T., TAYLOR, G., SMITH, M., CARR M., DERZHI, N., DRUMMOND, J., MCGUIRE, D., MORRIS, S., BREGAR, J. AND LAKINGS, J., , **Interpreter's Corner—Seismic reservoir characterization of a U.S. Midcontinent fluvial system using rock physics, poststack seismic attributes, and neural networks.** The Leading Edge. May. 2002.

WAPENAAR, K. **Amplitude-variation-with-angle behavior of self-similar interfaces**. Geophysics. Vol. 64, Issue 6, pp. 1928-1938. November-December 1999.

WAPENAAR, K. **Seismic reflection and transmission coefficients of a self-similar interface**. Geophysical Journal International. Vol. 135 Issue 2 P. 585. November 1998.

WHITE, R. E. **Properties of instantaneous seismic attributes.** Geophysics, The Leading Edge of Exploration. 1991.

WIDESS M. B. **How Thin is a Thin Bed?** Geophysics, 38, 1176-1180. 1973

Yilmaz data.25. Seismic Data Base. Colorado School of Mines. Disponível em: <http://www.cwp.mines.edu>. Acesso em: 10/1/2004.

YILMAZ, O.Z.; DOHERTY S. M. **Seismic Data Analysis: Processing, Inversion and Interpretation of Seismic Data**. Society of Exploration Geophysicists , Vol. 1. 2000.

YUKHANANOV, Y.; SILBERSTEIN, M. **Compressing ECG signals using matching pursuit.** Undergraduate project Technical Report. Disponível em: <http://pspl.technion.ac.il/projects/2000/2000s16/> Acesso em 10 nov 2003. 2000.

ZHANG, L. QUIEREN, J., SCHUELKE, J. **Self-Organizing Mao (SOM) network for Tracking Horizons and Classifying Seismic Traces.** Capítulo 10 do livro: Computational Neural Networks for Geophysical Data Poulton, M., (Ed.), Processing: Pergamon, Amsterdam. 2001

ZIOLKOWSKI, A. , UNDERHILL, J. R. AND JOHNSTON, R. G. K. **Wavelets, well ties, and the search for subtle stratigraphic traps**. Geophysics, 63, no. 1 pp. 297–313. 1998.