
Bibliografia

[Adoul (95)] - J-P Adoul, R. Lefebvre, "Wideband Speech Coding", *Cap. 8 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors, 1995.*

[Almeida (82)] - L. B. Almeida, J. M. Tribolet, "Harmonic Coding: A low bit-rate, good quality speech coding technique", *Proc. Int. Conf. Acoust., Speech and Signal Processing*, pp.1664-1667, 1982.

[Almeida (83)] - L. B. Almeida, J. M. Tribolet, "Nonstationary Spectral Modelling of Voiced Speech", *Trans. on Acoust., Speech and Signal Processing*, Vol. ASSP-31, N° 3, pp.664-678, 1983.

[Almeida (84)] - L. B. Almeida, J. M. Tribolet, "Harmonic Coding: An Introduction", *Proc. of the Int. Conf. on Communications*, pp.1169-1173, 1984.

[Almeida (84-a)] - L. B. Almeida, F. Silva, "Variable-Frequency synthesis: An Improved Harmonic Coding Scheme", *Proc. of the Int. Conf. on Acoust., Speech and Signal Processing*, artigo nº27.5, 1984.

- [Assaleh (96)] - K. T. Assaleh, "Automatic Evaluation of Speaker Recognizability of Coded Speech", *Proc. of the Int. Conf. on Communication*, pp.475-478, 1996.
- [Atal (70)] - B. S. Atal, M. R. Schroeder, "Adaptive Predictive Coding of Speech Signals", *Bell System Technical Journal*, vol. 49, pp.1973-1986, Outubro de 1970.
- [Atal (71)] - B. S. Atal, S. L. Hanaeur, "Speech Analysis and Synthesis by Linear Prediction of the Speech Wave", *Journal of the Acoustic Society of America*, pp.637-655, Abril de 1971.
- [Atal (82)] - B. S. Atal, J. R. Remde, "A New Model of LPC Excitation for Producing Natural-Sounding Speech at Low Bit Rates", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.6124-6127, 1982.
- [Atal (84)] - B. S. Atal, M. R. Schroeder, "Stochastic Coding of Speech Signals at Very Low Bit Rates", *Proc. of the Int. Conf. on Communication*, pp.1610-1613, 1984.
- [Atal (86)] - B. S. Atal, L. R. Rabiner, "Speech Research Directions", *AT&T Technical Journal*, pp.75-87, 1986.
- [Bahl (75)] - L. R. Bahl, F. Jelinek, "Decoding for channels with insertions deletions and substitutions with applications to speech recognition", *IEEE Trans. Informat. Theory*, vol. IT-21, pp404-411, 1975.
- [Baker (75)] - J. K. Baker, "The dragon system - An overview", *IEEE Trans. ASSP*, vol ASSP-23, n° 1 pp-24-29, Fevereiro de 1975.
- [Baum (66)] - L. E. Baum, T. Petrie, "Statistical inference for probabilistic functions of finite state Markov chains", *Ann. Math. Stat. Vol. 37*, pp. 1554-1563, 1966.

- [Benyassine (97)] - A. Benyassine, E. Shlomot, H-Y. Su, D. Massaloux, C. Lamblin, J-P. Petit, "ITU-T Recommendation G.729 Annex B: A Silence Compression Scheme for V.70 Digital Simultaneous Voice and data Applications", *IEEE Communications Magazine*, September 1997.
- [Campbell (90)] - J. P. Campbell, Jr. "The DoD 4.8 Kbps Standard", *Advances in Speech Coding*, ed. B. Atal, V. Cuperman and A. Gersho, Kluwer Academic Publishers, 1990.
- [Chen (95)] - J.H. Chen, "Low-Delay Coding of Speech", *Cap. 5 do livro "Speech Coding and Synthesis"*, Elsevier, W. B. Kleijn, K. K. Paliwal Editors, 1995.
- [Cox (95)] - R. V. Cox, "Speech Coding Standards", *Cap. 2 do livro "Speech Coding and Synthesis"*, Elsevier, W. B. Kleijn, K. K. Paliwal Editors, 1995.
- [Cox (96)] - R. V. Cox, P. Kroon, "Low Bit-Rate Speech Coders for Multimedia Communication", *IEEE Communications Magazine*, December 1996.
- [Cox (95)] - R. V. Cox, "Three New Speech Coders from the ITU Cover a range of Applications", *IEEE Communications Magazine*, September 1997.
- [Crochiere (77)] - R. Crochiere "On the design of sub-band coders for low bit-rate speech communication", *Bell System Technical Journal*. 56, 747-770.
- [Crosmer (85)] - J. R. Crosmer, T. P. Barnwell, "A Low Bit Rate Segment Vocoder Based on Line Spectrum Pairs", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.240-243, 1985.
- [Cutler (52)] - C. C. Cutler, "Differential Quantization of Communications", *U. S. Patent 2, 695, 361, Julho*, 1952.

- [Davidson (00)] - J. Davidson, J. Peters, "Voice over IP", Cisco Press, 2000.
- [Deller (93)] - J. R. Deller Jr., J. G. Proakis, J. H. L. Hansen, "Discrete-Time Processing of Speech Signals", *Macmillan*, 1993.
- [Delgado-Martins (88)] - M. R. D. Martins, "Ouvir Falar - Introdução à Fonética Portuguesa", Editorial Caminho, Coleção Universitária, Série Linguística, 1989.
- [Deprettere (85)] - Ed F. Deprettere, P. Kroon, "Regular Excitation Reduction for Effective and Efficient LP-Coding of Speech", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.25.8.1-25.8.4, 1985.
- [Dudley (39)] - H. Dudley, "The vocoder", *Bell Labs Rec.*, 17:122-126, 1939.
- [EAGLES (95)] - "Synthesis Assessment" V1.MAY95 SLWG-Handbook, *Capítulo 12*, 1995.
- [Ekudden (99)] - E. Ekudden, R. Hagen, I. Johansson, J. Svedberg, "The Adaptive Multi-Rate Speech Coder", *Proc. of the IEEE Workshop on Speech Coding*, pp.117-119, 1999.
- [FED-STD-1015 (84)] - "Telecommunications Analogue to Digital Conversion of Voice by 2,400 bit/second Linear Predictive Coding", 1984.
- [Flanagan (61)] - J. L. Flannagan, "Speech Analysis Synthesis and Perception", Springer Verlag, New York, 1965, 2nd ed., 1972.
- [Fette (91)] - A. B. Fette, C. Jaskie, "A 600 BPS LPC Voice Coders", *Proc. MILCOM-91*, pp.1215-1219, 1991.
- [Figerhut] - J. A. Figerhut, <http://www.arl.wustl.edu/~jaf/lpc/lpc10-1.5.tar.gz>

- [Gold (00)] - B. Gold, N. Morgan, "Speech and Audio Signal Processing", Livro, John Wiley & Sons, Inc., 2000.
- [Griffin (88)] - D. W. Griffin, J. S. Lim, "Multiband Excitation Vocoder", *Trans. on Acoustics, Speech and Signal Processing*, Vol.ASSP-36 pp.1223-1235, Agosto de 1988.
- [Hedelin (81)] - P. Hedelin, "A tone-oriented voice-excited vocoder", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.155-158, 1981.
- [Hedelin (81)] - P. Hedelin, P. Knagenhjlen, "Vector Quantization for Speech Transmission", "Theory for Transmission of Vector Quantization Data", *Cap. 9 e 10 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors*, 1995.
- [Holmes (98)] - W. Holmes, "Towards a Unified Model for Low Bit-Rate Speech Coding Using a Recognition-Synthesis Approach", *Proc. of the Int. Conf. on Spoken Language Processing*, 1998.
- [Itakura (75)] - F. Itakura, "Line Spectrum Representation of Linear Predictive Coefficients of Speech Signals", *Journal Acoustic Society of America*, vol. 57, S35, 1975.
- [Jayant (84)] - N. S. Jayant, P. Noll, "Digital Coding of Waveforms, Principles and Applications to Speech and Video", *Prentice-Hall Signal Processing Series*, 1970.
- [Jaskie (92)] - C. Jaskie, B. Fette, "A Survey of Low Bit Rate Vocoder", 1992.
- [Jelinek(69)] - F. Jelinek, "A fast sequential decoding algorithm using a stack", *IBM J. Res. Develop.*, vol 13, pp. 675-685, 1969.

- [Jelinek (75)] - F. Jelinek, L. R. Bahl, R. L. Mercer, "Design of a linguistic statistical decoder for the recognition of continuous speech", *IEEE Trans. Informat. Theory*, vol IT-21, pp.250-256, 1975.
- [Juang (84)] - B. H. Juang, "On the Hidden Markov Model and dynamic time warping for speech recognition - A unified view", *AT&T Tech. J.* vol 63. N° 7, pp. 1213-1243, *September* 1984.
- [Kang (85)] - G. S. Kang, L. J. Fransen, "Application of Line-Spectrum Pairs to Low-Bit-Rate Speech Encoders", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.244-247, 1985.
- [Kang (85-a)] - G. S. Kang, S. S. Everett, "Improvement of the Excitation Source in the Narrow-Band Linear Prediction Vocoder", *Trans. on Acoustics, Speech and Signal Processing*, Vol. ASSP-33, N° 3, *Abril* de 1985.
- [Klatt (80)] - D. H. Klatt, "Software for a cascade/parallel formant synthesiser", *Journal Acoustic Society of America*, *Março* de 1980.
- [Kleijn (88)] - W. B. Keijn, D. J. Krasinski, R. H. Ketchum, "Improved Speech Quality and Efficiency Vector Quantization in SELP", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.155-159, 1988.
- [Kleijn (91)] - W. B. Kleijn, "Continuous Representation in Linear Predictive Coding", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.201-204, 1991.
- [Kleijn (95)] - "Speech Coding and Synthesis", *Elsevier*, W. B. Kleijn, K. K. Paliwal Editors, 1995.

- [Kleijn (95-a)] - W. B. Kleijn, J. Haagen, "A Speech Coder Based on Decomposition of Characteristic Waveforms", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.508-511, 1995.
- [Kleijn (95-b)] - W. B. Kleijn, J. Haagan, "Waveform Interpolation", *Cap. 5 do livro "Speech Coding and Synthesis", Cap. 5 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors*, 1995.
- [Kemp (91)] - D. P. Kemp, J. S. Collura, T. E. Tremain, "Multi-Frame Coding of LPC Parameters at 600-800 BPS", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.609-612, 1991.
- [Kohler (97)] - M. A. Kohler, "A Comparison of the New 2400 BPS MELP Federal Standard with other Standard Coders", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, 1997.
- [Kroon (86)] - P. Kroon, F. D. Deprettere, R. J. Sluyter, "Regular-Pulse Excitation - A Novel Approach to Effective and Efficient Multi-Pulse Coding of Speech", *Trans. on Acoustics, Speech and Signal Processing*, Vol.ASSP-34 pp.1054-1063, 1986.
- [Kroon (95)] - P. Kroon, W. B. Kleijn, "Linear-Prediction based Analysis-by-Synthesis Coding", *Elsevier, Cap. 3 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors*, 1995.
- [Kroon (95-a)] - P. Kroon, "Evaluation of Speech Coders", *Elsevier, Cap. 13 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors*, 1995.
- [Kwon (84)] - S. Y. Kwon, A. J. Goldberg, "An Enhanced Vocoder with No Voiced/Unvoiced Switch", *Trans. on Acoustics*,

Speech and Signal Proc., Vol. ASSP-32, N° 4, Agosto de 1984.

[Laflame (91)] - C. Laflame, J-P Adoul, R. Salami, S. Mourisette, P. Mabillean, "16 kbps wideband speech coding technique based on algebraic CELP", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.13-16, 1991.

[Lamel (81)] - L. F. Lamel, L. Rabiner, A E., A. E. Rosenberg, J. G. Wilpon, "An Improved Endpoint Detector for Isolated Word Recognition", *IEEE, Transactions on Acoustic, and Signal Processing*, Vol. ASSP-29, n° 4, August 1981.

[Laroia (91)] - R. Laroia, N. Phando, N. Farvadin, "Robust and Efficient Quantization of Speech LSP Parameters using Two-Dimension Differential Coding", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.641-644, 1991.

[Levinson (83)] - S. E. Levinson, L. R. Rabiner, M. M. Shondi, "An introduction to the application of the theory of probabilistic function of a Markov process to automatic speech recognition", *Bell Syst. Tech. J. vol 62*, n° 4, pp. 1035-1074, Abril de 1983.

[Linde (80)] - Y. Linde, A. Buzo, R. M. Gray, "An Algorithm for Vector Quantizer Design", *Trans. on Communications*, pp.84-95, 1980.

[Mano (89)] - Comunicação pessoal, 1989.

[Max (60)] - J. Max, "Quantizing for Minimum Distortion", *IRE Trans. Inform. Theory*, vol IT-6, pp. 7-12, Março de 1960.

[Makhoul (75)] - J. Makhoul, "Linear Prediction: A tutorial Review", *Proc. of the IEEE*, vol. 63, pp.561-580, 1985.

- [Markel (74)] - J. D. Markel, A. H. Gray, "A Linear Prediction Vocoder Simulation Based upon the Autocorrelation Method", *IEEE Trans. on Acoust. Speech and Signal Processing*, vol. ASSP-22, pp.124-134. Abril de 1974.
- [Marques (89)] - J. S. Marques, L. B. Almeida, "Sinusoidal Modelling of Voiced and Unvoiced Speech", *Proc. of the European Conf. on Speech Communication and Technology*, pp.203-206, 1989.
- [Marques (90)] - J. S. Marques, "Modelamento Sinusoidal da Fala", *Tese de Doutorado*, IST, 1990.
- [Marques (94)] - J.S. Marques, A. J. Abrantes, "Hybrid Harmonic Coding of Speech at Low Bit-Rates", *Speech Communications Journal*, 14, pp.231-247, 1994.
- [McAulay (81)] - R. J. McAulay, "A Low-Rate Vocoder Based on an Adaptive Subband Formant Analysis", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.28-31, 1981.
- [McAulay (84)] - R. J. McAulay, T. F. Quatieri, "Magnitude-Only Using a Sinusoidal Vocoder", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, artigo n° 27.6, 1984.
- [McAulay (90)] - R. J. McAulay, T. Champion, "Improved Interoperable 2.4 kb/s LPC Using Sinusoidal Transform Code Techniques", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.641-643, 1990.
- [McAulay (95)] - R. J. McAulay, T. F. Quatieri, "Sinusoidal Coding", *Cap. 4 do livro "Speech Coding and Synthesis"*, Elsevier, W. B. Kleijn, K. K. Paliwal Editors, 1995.

- [McCree (91)] - A. V. McCree, T. P. Barnwell III, "A New Mixed Excitation LPC Vocoder", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.593-596, 1991.
- [McCree (92)] - A. V. McCree, T. P. Barnwell III, "Improving the Performance of a Mixed Excitation LPC Vocoder in Acoustic Noise", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.11-137-140, 1992.
- [McCree (93)] - A. V. McCree, T. P. Barnwell III, "Implementation and Evaluation of a 2400 BPS Mixed Excitation LPC Vocoder", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.11-159-162, 1993.
- [McCree (95)] - A. V. McCree, T. P. Barnwell III, "A Mixed Excitation LPC Vocoder Model for Low Bit Rate Speech Coding", *Trans. on Speech and Audio Processing*, vol 3, no 4, Julho de 1995.
- [McCree (96)] - A. V. McCree, K. Truong, E. B. George, T. P. Barnwell, V. Viswanathan, "A 2.4 KBIT/S MELP Coder Candidate for the New U.S. Federal Standard", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.200-203, 1996.
- [Mouy (92)] - B. Mouy, P. de La Noue, "Voice Transmission at Very Low bit Rate on a noisy Channel", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.11-149-152, 1992.
- [Mouy (95)] - B. Mouy, P. de La Noue, G. Goudezeune, "NATO STANAG 4479: A Standard for an 800 BPS Vocoder and Channel Coding in HF-ECCM System", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.480-483, 1995.

- [Oliveira (93)] - L. C. Oliveira, "Estimation of Source Parameters by Frequency Analysis", *Proc. of the European Conf. on Speech Communication and Technology*, pp.99-102, Berlin, 1993.
- [O'Shaughnessy (99)] - Douglas O'Shaughnessy, "Speech Communication: Human and Machine", Livro, IEEE Press Editorial Board, 1999.
- [Picone (89)] - J. Picone, G. Doddington, "A Phonetic Vocoder", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.580-583, 1989.
- [Paliwal (95)] - K. K. Paliwal, W. B. Kleijn, "Quantization of LPC Parameters", *Cap. 12 do livro "Speech Coding and Synthesis", Cap. 5 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors*, 1995.
- [Rabiner (76)] - L. R. Rabiner, M. J. Cheng, A. E. Rosenberg, C. A. McGonegal, "A Comparative Performance Study of Several Pitch Detection Algorithms", *IEEE Trans. ASSP*, N° 5, Outubro de 1976.
- [Rabiner (77)] - L. R. Rabiner, "On the Use of Autocorrelation Analysis for Pitch Detection", *Trans. on Acoustics, Speech and Signal Processing*, n° 1, Fevereiro de 1977.
- [Rabiner (78)] - L. R. Rabiner, R. W. Schafer, "Digital Processing of Speech Signals", Prentice-Hall, Signal Processing Series, 1978.
- [Rabiner (85)] - L. R. Rabiner, B-H Juang, S. E. Levinson, M. M. Shondi, "Recognition of Isolated Digits Using Hidden Markov Models With Continuous Mixture Densities", *AT&T Technical Journal*, July-August 1985.
- [Rabiner (89)] - L. R. Rabiner, "A tutorial on Hidden Markov Models and Selected Applications in Speech Recognition", *Proc. of the IEEE*, Vol 77, n° 2, Fevereiro de 1989.

- [Rabiner (93)] - L. R. Rabiner, B-H Juang, "Fundamentals of Speech Recognition", *Prentice Hall*, 1993.
- [Ribeiro (91-a)] - C. M. Ribeiro, I. M. Trancoso, "A 4.8 kbit/s CELP Coder with Post-Processing", *Proc. of the European Conf. on Speech Communication and Technology*, 1991.
- [Ribeiro (91-b)] - C. M. Ribeiro, L. B. Almeida, "Decisão de Vozeamento por Rede Neuronal", *Actas da IV Conferência Portuguesa de Reconhecimento de Padrões, Universidade de Aveiro*, 1991.
- [Ribeiro (93)] - C. M. Ribeiro, I. M. Trancoso, M. C. Viana, "EUROM.1 Portuguese Database", ESPRIT 6819 SAM-A - *Speech Technology Assessment in Multilingual Applications, Report D6*, 1993.
- [Ribeiro (98)] - C. M. Ribeiro, I. M. Trancoso, "Improving Speaker Recognisability in Phonetic Vcoders", *Proc. of the Int. Conf. on Spoken Language Processing*, 1998.
- [Ribeiro (99)] - C. M. Ribeiro, I. M. Trancoso, "Speaker Adaptation in a Phonetic Vocoding Environment", *Proc. of the 1999 IEEE Workshop on Speech Coding*, pp.64-66, 1999.
- [Ribeiro (2000)] - C. M. Ribeiro, I. M. Trancoso, D. Caseiro, "Phonetic Vocoding Assessment", *Proc. ICSLP 2000*, Pequim, China, 2000.
- [Ribeiro (2000-a)] - C. M. Ribeiro, "Codificação Fonética - Codificação de Fala Baseada em Segmentos Classificados Foneticamente" - Tese de Doutoramento em Engenharia Electrotécnica e Computadores, Instituto Superior Técnico, Universidade Técnica de Lisboa, Fevereiro de 2000.
- [Rosenberg (71)] - A. E. Rosenberg, "Effect of glotal pulse shape on the quality of natural vowels", *Journal of the Acoustic Society of America*, 49(2(Part 2)), 538-590, 1971.

- [Roucos (82)] - S. Roucos, R. Schwartz, J. Makhoul, "Segment Quantization for Very-Low-Rate Speech Coding", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.1565-1568, 1982.
- [Roucos (84)] - S. Roucos, A. M. Wilgus, "Speaker Normalisation Algorithms for Very-Low-Rate Speech Coding", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.1.1.1-1.1.4, 1984
- [Sagisaka (95)] - Y. Sagisaka, N. Iwahashi, "Objective Optimization in Algorithms for Text-to-Speech Synthesis", *Cap. 20 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors*, 1995.
- [Salami (97)] - R. Salami, C. Laflamme, B. Bessete, J-P Adoul, "ITU-T G.729 Annex A: Reduced Complexity 8 kb/s CS-ACELP Codec for Digital Simultaneous Voice and Data", *IEEE Communication Magazine*, Setembro de 1997
- [Salami (98)] - R. Salami, C. Laflamme, J. Adoul, A. Kataoka, S. Hayashi, T. Moriya, C. Lamblin, D. Massaloux, S. Proust, P. Kroon, Y. Shoham, "Design and Description of CS-ACELP: A Toll Quality a 8kb/s Speech Coder", *IEEE Trans. on Speech and Audio Processing*, Vol. 6, NO. 2, Março 1998.
- [SAM (92)] - "SAM Final Report", *Section II - Speech Output Assessment*, 1992.
- [Santen (95)] - J. P. H. Santen, "Computation of Timing in Text-to-Speech Synthesis", *Cap. 19 do livro "Speech Coding and Synthesis", Elsevier, W. B. Kleijn, K. K. Paliwal Editors*, 1995.

- [Schmidt-Nielsen (95)] - A. Schmidt-Nielsen, "A test of speaker recognition using human listeners", *Proc. of the IEEE Workshop on Speech Coding for Telecommunications, Annapolis*, 1995.
- [Schmidt-Nielsen (96)] - A. Schmidt-Nielsen, D. P. Brock, "Speaker Recognizability Testing For Voice Coders", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.1149-1152, 1996.
- [Schouten (52)] - J. S Schouten, F. E. DeJager, J. A. Greefkes, , "Delta Modulation, a New Modulation System for Telecommunications", *Philips Tech. Rept. pp.237-245, Março de 1952*.
- [Schwartz (80)] - R. Schwartz, J. Klovstad, J. Makhoul, J. Soresen, "A preliminary Design of a Phonetic Vocoder based on a Diphone Model", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.32-34, 1980.
- [Schroeder (85)] - M. R. Schroeder, B. S. Atal, "Code-Excited Linear Prediction (CELP): High-Quality Speech at Very Low Bit Rates", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.937-940, 1985.
- [Shondi (68)] - M. M. Shondi, "New methods of pitch extraction", *Trans. on Audio Electroacoustic*, vol AV-16 pp.262-266, Junho de 1968.
- [Singhal (84)] - S. Singhal, B. S. Atal, "Improving the Performance of Multi-Pulse LPC Coders at Low Bit Rates", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.1.3.1-1.3.4, 1984.
- [Sluyter (82)] - R. J. Sluyter, J. H. Kotmans, T. A. C. M. Clasassen, "Improvements of the Harmonic-Sieve Pitch Extraction Scheme and an Appropriate Method for Voiced-Unvoiced Detection", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp 188-191, 1982.

- [Smith (57)] - B. Smith, "Instantaneous Companding of Quantized Signals", *Bell System Tech. J.*, Vol IT-6, pp5-12, Março de 1960.
- [Soong (84)] - F. Soong, B. Juang, "Line Spectrum Pair (LSP) and Speech Data Compression", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, 1.10.1-1.10.4, 1984.
- [Soong (88)] - F. Soong, B. Juang, "Optimal Quantization of LSP Parameters", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp 394-397, 1988.
- [Stylianou (98-a)] - Y. Stylianou, "Concatenative Speech Synthesis using a harmonic plus Noise Model", *Proc. of the 3rd ESCA/COCOSDA International Workshop on Speech Synthesis*, pp.261-266, Austrália, 1998.
- [Stylianou (98-b)] - Y. Stylianou, "Remove Phase Mismatches in Concatenative Speech Synthesis", *Proc. of the 3rd ESCA/COCOSDA International Workshop on Speech Synthesis*, pp.267-271, Austrália, 1998.
- [Supplee (97)] - L. M. Supplee, R. P. Cohn, J. S. Collura, A. V. McCree, "MELP: The New Federal Standard at 2400 BPS", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.1591-1594, 1997.
- [Talkin (95)] - D. Talkin, "A robust Algorithm for Pitch Tracking", *Cap. 14 do livro "Speech Coding and Synthesis"*, Elsevier, W. B. Kleijn, K. K. Paliwal Editors, 1995.
- [Trancoso (90)] - I. M. Trancoso, J. S. Marques, C. M. Ribeiro, "Two Solutions for Speech Coding at 4.8-9.6 KBPS", *Speech Communications Journal*, Vol 9 5/6, pp.389-400, Dezembro de 1990.

- [Tremain (82)] - T. E. Tremain, "The Government Standard Linear Predictive Coding Algorithm: LPC-10", *Speech Technology*, Vol.1 n° 2, pp.40, Abril de 1982.
- [Tsao (85)] - C. Tsao, R. M. Gray, "Matrix Quantizer Design for LPC Speech Using the Generalised Lloyd Algorithm", *Trans. on Acoust. Speech and Signal Processing*, pp.537-545, 1985.
- [Vahatalo (99)] - Antti Vahatalo, Ingemar Johansson, "Voice Activity Detection for GSM Adaptive Multi-Rate Codec", *Proc. of the 1999 IEEE Workshop on Speech Coding*, pp.55-57, 1999.
- [Vary (88)] - P. Vary, K. Hellwing, R. Hofmann, R. J. Sluyter, C. Galand, M. Rosso, "Speech Coded for the European Mobile Radio System", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.227-230, 1988.
- [Veldhuis (95)] - R. Veldhuis, A. Kohlrausch, "Waveform Coding and Auditory Masking", *Cap. 11 do livro "Speech Coding and Synthesis"*, Elsevier, W. B. Kleijn, K. K. Paliwal Editors, 1995.
- [Viswanathan (75)] - R. Viswanathan, J. Makhoul, "Quantization Properties of Transmission Parameters in Linear Predictive Systems", *IEEE Trans. ASSP*, vol. ASSP-23, pp 309-321, Junho de 1975.
- [VSEL (89)] - Descrição da norma (TIA), 1989.
- [Wassell (88)] - I. J. Wassel, D. J. Goodman, R. Steele, "Embedded Delta Modulation", *Trans. on Acoustics, Speech and Signal Processing*, Vol 36, N° 8 , pp.1236-1243, 1988.
- [Wong (81)] - D. Y. Wong, B. Juang, A. H. Gray Jr., "Recent Development in Vector Quantization for Speech Processing", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.1-4, 1981.

- [Wong (82)] - D. Y. Wong, B. Juang, A. H. Gray Jr., "An 800 bit/s Vector Quantization LPC Vocoder", *Trans. on Acoust., Speech and Signal Proc., Trans. on Acoustics, Speech and Signal Processing*, Vol. ASSP-30, NO. 5, Outubro, 1982.
- [Zelinsky (77)] - R. Zelinsky, P. Noll, "Adaptive Transform Coding of Speech Signals", *Trans. on Acoustics, Speech and Signal Processing*, Vol. ASSP-25, pp.299-309, Agosto de 1977.
- [Zolfaghari (97-a)] - P. Zolfaghari, T. Robinson, "A Formant Vocoder Based on Mixtures of Gaussinas", *Proc. of the Int. Conf. Acoust., Speech and Signal Processing*, pp.1575-1578, 1997.
- [Zolfaghari (97-b)] - P. Zolfaghari, T. Robinson, "A Segment Formant Vocoder Based on Linearly Varying Mixtures of Gaussians", *Proc. of the European Conf. on Speech Communication and Technology*, pp.425-428, 1997.