REFERENCES BIBLIOGRAPHIQUES

Références Bibliographiques

[1] J. Andrew, "A simple and efficient hierarchical image coder", in IEEE International Conference on Image Processing, 1997, vol. 3(3), p. 658.

[2] M.Antonini, M.Barlaud, P.Mathieu, I.Daubechies, "Image Coding Using Wavelet Transform", IEEE Trans. on Image Processing, Vol. 1, pp. 205-220, April 1992.

[3] O. Aubault. "Visualisation interactive de scènes vaste et complexes à travers un réseau". PhD thesis, France Telecom R&D, Université de Rennes 1, 2003.

[4] O. Aubault C. Gioia and C. Bouville. "Real-time reconstruction of wavelet encoded meshes for view-dependent transmission and visualisation". IEEE Trans. on Circuits and Systems for Video Technology, 7(14), 2004.

[5] E Baudrier, "Comparaison d'images binaires reposant sur une mesure locale des dissimilarités Application `a la classification", Thèse en vue de l'obtention du dipl^ome de docteur en Traitement de l'image et en Mathématiques Appliquées.

[6] M. Barlaud, C. Labit, " Compression et codage des images et des vidéos", Hermes Science Publication, France, 2002.

[7] S. Brangoulo, "Codage d'images fixes et de vidéos par ondelettes de seconde génération. Théorie et applications", Thèse de doctorat, Université Rennes France, février 2005.

[8] E. J. Candès et D. L. Donoho. "Curvelets - a surprisingly effective nonadaptive representation for objects with edges". Dans L. S. et al., rédacteur, Curves and Surfaces,p. 105–120. Vanderbilt University Press, Nashville, TN, 2000.

[9] E. Candès et D. L. Donoho. "New tight frames of curvelets and optimal representations of objects with piecewise C2 singularities". Communications on pure and applied mathematics, 57(2), p. 219–266, 2004.

[10] E. J. Candès. "Ridgelets: theory and applications. Thèse de doctorat", Stanford University,1998.

[11] C. Christopoulos, A. Skodras, T. Ebrahimi, "The JPEG2000 Still Image Coding System" : An Overview, IEEE Transactions on Consumer Electronics, Vol. 46, No. 4, pp.1103-1127, november 2000

[12] M. Cohen S. Gortler, P. Schroder and P. Hanrahan. ""Wavelet radiosity". In SIGGRAPH '93: Proceedings of the 20th annual conference on Computer graphics and interactive techniques., pages 221–230. ACM Press, 1993.

[13] Daubechies, "Ten Lectures on Wavelets", CBMS-NSF Regional Conf. Series in Appl. Math., Vol. 61 Society for Industrial and Applied Mathematics, Philadelphia, PA, 1992.

Références Bibliographiques

[33]   A Descampe, F O Devaux, " Etude et conception d'un décodeur hardware JPEG 2000 destiné au cinéma numérique", Travail de fin d'´etudes pr´esent´e en vue de l'obtention du grade d'ing´enieur civil ´electricien, Juin 2003

[14]   M. N. Do et M. Vetterli. "The contourlet transform: an efficient directional multiresolution image representation". IEEE Transactions on Image Processing, 14(12), p. 2091–2106, décembre 2005.

[15]   A.Elkefi,M.Antonini , "compression de maillages 3D multirésolution,transformée en ondelettes 2éme génération",rapport de recherche,ISRN I 3S/RR-2003-30-FR,Novembre 2003.

[16]   Christophe Foucher et Gilles Vaucher, " Compression d'images et réseaux de neurones",Supélec,Equipe Electronique, Traitement du Signal et Neuromimétisme (ETSN),avenue de la Boulaie, BP 28, 35511 Cesson Sévigné Cédex.

[17]   A. Gouze, M. Antonini, and M. Barlaud,"Quincunx lifting scheme for lossy image compression", Proceedings of International Conference on Image Processing, Vol. 1, pags. 665–668, September 2000.

[18]   A. Gouze, "Schéma Lifting Quinconce pour la Compression d'Images", Ph.D. thesis, Université de Nice - Sophia Antipolis, France, décembre 2002.

[19]   S. Grgic, M. Grgic, M. Mrak, Reliability of Objective Picture Quality Measures, Journal of Electrical Engineering, Vol. 55, No. 1-2, pp.3-10, 2004.

[20]   R. Grosbois, Image Security and Processing in the JPEG 2000 Compressed Domain, Thèse de doctorat, Université Paris, 2003.

[21]   A Grossmann,J Morlet, decomposition of hardly functions into square integrable wavelets of constant shape.SIAM J. Math .Anal, 15(4):723-736,1974.

[22]   H. J. A. M. Heijmans, G. Piella, and B. Pesquet-Popescu, "Adaptive wavelets for image compression using update lifting: Quantisation and error analysis", International Journal of Wavelets, Multiresolution, and Information Processing, 2005.

[23]   H. J. A. M. Heijmans, B. Pesquet-Popescu, and G. Piella, "Building nonredundant adaptive wavelet by update lifting", Tech. rep., PNA CWI Amsterdam, 2001.

[24]   H. J. A. M. Heijmans, B. Pesquet-Popescu, and G. Piella, "Building non redundant adaptive wavelets by update lifting", Applied and Computational Harmonic Analysis, Vol. 18, novomber 2004.

Références Bibliographiques

[25] H. J. A. M. Heijmans, B. Pesquet-Popescu, and G. Piella, "Building non redundant adaptive wavelets by update lifting", Applied and Computational Harmonic Analysis, Vol. 18, pags. 252–281, May 2005.

[26] A. Islam and W. A. Pearlman, "An embedded and efficient low-complexity hierarchical image coder", in SPIE Visual Communications and Image Processing, Jan. 1999, vol. 3653, pp. 294_305.

[27] G. Jeannic, V. Ricordel et D. Barba. Extraction de contours multirésolution pour un codage d'images par bandelettes. Dans COmpression et REprésentation des Signaux Audiovisuels. 2006.

[28] Y. H. Kim and J. M. Modestino, "Adaptive entropy coded subband coding of images", IEEE Transactions on Image Processing, vol. 1, pp. 31_48, Jan. 1992.

[29] S. Mallat, "multiresolution representation and wavelets". These doctorat. University of Pennsylvania, 1988.

[30] S. Mallat, "A theory for multiresolution signal decomposition : The wavelet representation," IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 11, juillet 1989.

[31] S. Mallat , Une exploration des signaux en ondelettes, Les Éditions de l'École Polytechnique, 2000.

[33] Meyer Y., Ondelettes et Opérateurs I : Ondelettes, Ed. Hermann, 1990.

[34] Mark Nelson et Jean-Loup Gailly. The Data Compression Book. M&T Books, New York,second _edition, 1995.

[35] B. Pesquet-Popescu, G. C. K. Abhayaratne, H. J. A. M. Heijmans, and G. Piella, "Quantization of adaptive 2D wavelet decompositions", Proceedings of International Conference on Image Processing, Vol. 3, pags. 209–212, September 2003.

[36] G. Peyré. Géométrie multi-échelle pour les images et les textures. Thèse de doctorat,École Polytechnique, 2005.

[37] G. Piella and H. J. A. M. Heijmans. Adaptive lifting schemes with perfect reconstruction. IEEE Transactions on Signal Processing, 50(7):1620–1630, Juillet 2002.

[38] G. Piella, B. Pesquet-Popescu, and H. Heijmans. Adaptive update lifting with a decision rule based on derivative filters. IEEE Signal Processing Letters, 9(10) :329–322, Octobre 2002.

Références Bibliographiques

[39]   G. Piella, B. Pesquet-Popescu, and H. J. A. M. Heijmans. Adaptive update lifting with a decision rule based on derivative filters. IEEE Signal Processing Letters, 9(10) :329–332, Octobre 2002.

[40]   G. Piella, G. Pau, and B. Pesquet-Popescu. Adaptive lifting schemes combining seminorms for lossless image compression. In Proc. of the IEEE Int. Conf. on Image Processing, Gênes, Italie, Septembre 2005.

[41]   A THREE-STEP NONLINEAR LIFTING SCHEME FOR LOSSLESS IMAGE COMPRESSION.

[42]   G. Piella , B. Pesquet-Popescu, H. Heijmans, and G. Pau. Combining seminorms in adaptive lifting schemes and applications to image analysis and compression. À paraître dans Springer Journal of Mathematical Imaging and Vision, 2006.

[43]   J. M. Shapiro , "Embedded image coding using zerotrees of wavelet coefficients", IEEE Transactions on Signal Processing : Special Issue Wavelets and Signal Processing, vol. 41, pp. 3445_3463, 1993.

[44]   A. Said, W. A. Peralman, A New Fast and Efficient Image Codec Based on Set Partitioning in Hierarchical Trees, IEEE Trans. on Circuits and Systems for Video Technology, Vol. 6, No. 3, pp. 243-250, June 1996.

[45]   D.Santa Cruz, T. Ebrahimi, A Study of JPEG 2000 Still Image Coding Versus Other Standards, In Proc. of the X European Signal Processing Conference, Vol. 2, pp. 673-676, Finland, September 2000,

[46]   Sjöblom. E (2002), "Compression of Medical Image Stacks using Wavelets and Zero-Tree Coding",Master thesis, Division of Image Coding, junry, 2002, Department of Electrical Engineering,Linköping University.

[47]   A. Skodras, C. Christopoulos, T. Ebrahimi, The JPEG2000 Still Image Compression Standard, IEEE Signal Processing Magazine, pp.36-58, September 2001.

[48]   G.strang and T.Nguyen ,"wavrelets and Filer Banks", Welleslay-Cambridge Press,Wellesley,Massachusets,1996.

[49]   J. Solé, Lifting Schemes for Image Compression, Ph.D Thesis, Universitat Politècnica de Catalunya, March 2005.

[50]   R. Sudhakar, R. Karthiga et S. Jayaraman. Image compression using coding of wavelet coefficients - A survey. ICGST International Journal on Graphics, Vision and Image Processing, 5(6), p. 25–38, 2005.

Références Bibliographiques

[51]   W. Sweldens, The Lifting Scheme: A New Philosophy in Biorthogonal Wavelet Constructions, Proc. SPIE Wavelet Applications in Signal and Image Processing III, 2569, pp. 68-79, (1995).

[52]   D. Taubman High performance scalable image compression with EBCOT. IEEE Transactions on Image Processing, 9(7), p. 1158–1170, juillet 2000.

[53]   D. Taubman, E. Ordentlich, M.Weinberger et G. Seroussi. Embedded block coding in JPEG2000. Signal Processing: Image Communication, 17(1), Elsevier, janvier 2002.

[54]   N.Terki

[55]   M. Vetterli, "Multidimensionnal subband coding: Some theory and algorithms," Signal Processing, 1984.

[56]   M. Vetterli, "Filter banks allowing perfect reconstruction", Signal Processing, vol. 10, pp. 219—244, 1986.

[57]   J.W.Woods, S.D.O'Neil, "Subband Coding of Images", IEEE Trans. on Acoustics, Speech, and Signal Processing, Vol. 1SSP-34, pp. 1278-1288, October 1986.

[58]   Xavier Marsault. Compression et cryptage des donn_ees multim_edias. Trait_e des Nouvelles Technologies - Série Informatique. Hermés, Paris, second édition, 1995.

[59]   Beladgham. M (2003), " Segmentation, Analyse et Compression D'image par Ondelettes : Traitement D'image IRM", Mémoire de Magister en Electronique, Option : Signaux et Systèmes, Octobre 2003, Université de Tlemcen.