A Bibliography of Publications of Marc Van Droogenbroeck

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Abstract

This bibliography records publications of Marc Van Droogenbroeck.

Title word cross-reference

References

Bouchard:1993:CI

[BCM+93] L. Bouchard, J. Cassas, F. Meyer, C. Oddou, L. Torres, and M. Van Droogenbroeck. Coding of inside. Deliverable D7 of Race Project Morpheco R2053, December 1993.

Comes:1992:RPD

[CMV92] S. Comes, S. Maes, and M. Van Droogenbroeck. Recent and prospective decorrelation techniques for image processing. In *International Symposium on Signals, Systems and Electronics*, pages 136–141. URSI, Paris, September 1992.

Comes:1993:RPD

[CMV93] S. Comes, S. Maes, and M. Van Droogenbroeck. Recent and prospective decorrelation techniques for image processing. *Annales des T 'el 'ecommunications*, 48(7–8):390–403, juillet–août 1993. CODEN ANTEAU. ISSN 0003-4347.

DePraetere:1998:DNI

[DMV98] J. De Praetere, P. Maricau, and M. Van Droogenbroeck. Data networks integration. In *37th European Telecommunications Congress. FITCE'98. "Diverging roles in a converging marketplace"*, pages 128–131. Instn. British Telecommun. Eng., London, UK, August 1998. URL `http://www.ulg.ac.be/telecom/publi/publications/mvd/fitce1998.pdf`.

Maes:1992:ECH

[MV92] S. Maes and M. Van Droogenbroeck. Edge characterization in hierarchical subband coding schemes. In *Fourth International Conference on Image Processing and its Applications: 7–9 April 1992, venue, Maastricht Exhibition and Convention*

Centre, The Netherlands, volume 354 of *Conference publication*, pages 598–601. IEE, London, UK, May 1992. ISBN 0-85296-543-5. LCCN TA1632 .I553 1992.

Simon:1993:MIS

[SMV93] B. Simon, B. Macq, and M. Van Droogenbroeck. Morphological image sketch coding. In *Workshop on Circuits, Systems and Signal Processing*, pages 251–256. ProRISC IEEE Benelux, Houthalen, March 1993.

Serra:1994:MMA

[SS94] Jean Serra and Pierre Soille, editors. *Mathematical morphology and its applications to image processing*, volume 2 of *Computational imaging and vision*. Kluwer Academic Publishers Group, Norwell, MA, USA, and Dordrecht, The Netherlands, 1994. ISBN 0-7923-3093-5. LCCN TA1637 .M37 1994. Selected papers from an international conference held in Fontainebleu, France, in September 1994.

VanDroogenbroeck:1994:IMO

[Van94a] M. Van Droogenbroeck. On the implementation of morphological operations. In Serra and Soille [SS94], pages 241–248. ISBN 0-7923-3093-5. LCCN TA1637 .M37 1994. URL http://www.ulg.ac.be/telecom/publi/publications/mvd/ISMM94-1.pdf; http://www.ulg.ac.be/telecom/publi/publications/mvd/ISMM94-1.zip. Selected papers from an international conference held in Fontainebleu, France, in September 1994.

VanDroogenbroeck:1994:PEB

[Van94b] M. Van Droogenbroeck. Polymorphism, an extension of binary opening. In Serra and Soille [SS94], pages 1–2. ISBN 0-7923-3093-5. LCCN TA1637 .M37 1994. URL http://www.ulg.ac.be/telecom/publi/publications/mvd/ISMM94-2.pdf; http://www.ulg.ac.be/telecom/publi/publications/mvd/ISMM94-2.zip. Selected papers from an international conference held in Fontainebleu, France, in September 1994.

VanDroogenbroeck:1994:TIN

[Van94c] M. Van Droogenbroeck. *Traitement d'images numériques au moyen d'algorithmes utilisant la morphologie mathématique et la notion d'objet : application au codage*. PhD thesis, Catholic University of Louvain, Louvain, Belgium, May 1994. URL http://www.ulg.ac.be/telecom/publi/publications/mvd/these/ ; http://www.ulg.ac.be/telecom/publi/publications/mvd/these/theseMVD.pdf; http://www.ulg.ac.be/telecom/publi/publications/mvd/these/theseMVD2.zip.

VanDroogenbroeck:1995:MIS

[Van95] M. Van Droogenbroeck. A methodology for image segmentation based on the spectral content of regions. In *Workshop on Nonlinear Signal and Image Processing*, pages 266–269. IEEE, Neos Marmaras, June 1995. URL http://www.ulg.ac.be/telecom/publi/publications/mvd/ieee_1995.pdf; http://www.ulg.ac.

be/telecom/publi/publications/mvd/ieee_1995.zip.

VanDroogenbroeck:2001:ATI

[Van01a] M. Van Droogenbroeck. Acquisition et traitement de l'image. Notes de cours, Université de Liège, avril 2001. 225 pp. URL http://www.ulg.ac.be/telecom/teaching/notes/totaliBIO/index.html. PDF available on request.

VanDroogenbroeck:2001:ACS

[Van01b] M. Van Droogenbroeck. Analyse et conception des systèmes de télécommunications. Notes de cours, Université de Liège, mars 2001. 222 pp. URL http://www.ulg.ac.be/telecom/teaching/notes/total2/index.html. PDF available on request.

VanDroogenbroeck:2001:TNI

[Van01c] M. Van Droogenbroeck. Traitement numérique des images. Notes de cours, Université de Liège, septembre 2001. 225 pp. URL http://www.ulg.ac.be/telecom/teaching/notes/totali/index.html. PDF available on request.

VanDroogenbroeck:2002:AOB

[Van02a] M. Van Droogenbroeck. Algorithms for openings of binary and label images with rectangular structuring elements. In H. Talbot and R. Beare, editors, *Mathematical morphology*, pages 197–207. CSIRO Publishing, Sydney, Australia, April 2002. URL http://www.ulg.ac.be/telecom/publi/publications/mvd/ismm2002.pdf.

VanDroogenbroeck:2002:PTA

[Van02b] M. Van Droogenbroeck. Principes des télécommunications analogiques et numériques. Notes de cours, Université de Liège, janvier 2002. 229 pp. URL http://www.ulg.ac.be/telecom/teaching/notes/total1/index.html. PDF available on request.

VanDroogenbroeck:2002:TDM

[Van02c] M. Van Droogenbroeck. Technologies du multimédia, de l'Internet et des télécommunications. Notes de cours, Institut Supérieur de Commerce (ISC) Saint-Louis, mars 2002. 183 pp. URL http://www.ulg.ac.be/telecom/teaching/notes/multimedia/index.html. PDF available on request.

VanDroogenbroeck:2002:TO

[Van02d] M. Van Droogenbroeck. Télécommunications et ordinateurs. Notes de cours, Université de Liège, janvier 2002. 205 pp. URL http://www.ulg.ac.be/telecom/teaching/notes/total0/index.html. PDF available on request.

VanDroogenbroeck:2005:MEO

[VB05] M. Van Droogenbroeck and M. J. Buckley. Morphological erosions and openings: fast algorithms based on anchors. *Journal of Mathematical Imaging and Vision: JMIV*, 22(2–3):121–142, 2005. CODEN JMIVEK. ISSN 0924-9907 (print), 1573-7683 (electronic).

VanDroogenbroeck:2002:EBT

[VD02] M. Van Droogenbroeck and J. Delvaux. An entropy based technique for information embedding in images. In *IEEE Benelux Signal Processing Symposium, Leuven, Belgium*, pages 81–84. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, March 2002. URL `http://www.ulg.ac.be/telecom/publi/publications/mvd/sps-034/index.html`; `http://www.ulg.ac.be/telecom/publi/publications/mvd/sps-034.pdf`.

VanDroogenbroeck:1996:FCM

[VT96] M. Van Droogenbroeck and H. Talbot. Fast computation of morphological operations with arbitrary structuring elements. *Pattern Recognition Letters*, 17(14):1451–1460, 1996. CODEN PRLEDG. ISSN 0167-8655 (print), 1872-7344 (electronic). URL `http://www.ulg.ac.be/telecom/publi/publications/mvd/anydila.pdf`.

VanDroogenbroeck:1992:ISD

[VV92] M. Van Droogenbroeck and L. Vandendorpe. Integration of the selective deconvolution algorithm into a multiresolution scheme. In James R. Sullivan, Majid Rabbani, and Benjamin M. Dawson, editors, *Image processing algorithms and techniques III: 10–13 February 1992, San Jose, California*, volume 1654 of *SPIE proceedings series*, pages 225–235. SPIE Optical Engineering Press, Bellingham, WA, USA, February 1992. ISBN 0-8194-0811-5. LCCN TA1632 .I387 1992; TS510 .P632 v. 1657.

VanTomme:1996:NVB

[VVD96] E. Van Tomme, M. Van Droogenbroeck, and P. Debie. Narrowband versus broadband for tele-education: a critical evaluation. In *International Conference on Technology Supported Learning*, pages 200–207. Online Educa Berlin, Berlin, Germany, November 1996.