

Referências

Produção no período relacionada ao temático

- [1] T. V. Spina, J. A. Montoya-Zegarra, F. Andrijauskas, F. A. Faria, C. E. Zampieri, S. M. Pinto-Cáceres, T. J. Carvalho, and **Alexandre Xavier Falcão**. A comparative study among pattern classifiers in interactive image segmentation. In *Proc. XXII Brazilian Symposium on Computer Graphics and Image Processing (SIBGRAPI)*, page ???, 2009.
- [2] R. C. Serrano, M. P. M. Zamith, M. Knetchel, **Anselmo Antunes Montenegro**, E. W. G. Clua, A. Conci, L. A. Bezerra, and R. C. F. Lima. Reconstruindo as imagens termográficas a partir dos arquivos JPEG em false color para auxílio no diagnóstico mastológico. In *Anais do II Encontro Nacional de Engenharia Biomecânica (ENENBI)*, page ???, 2009.
- [3] U. Murthy, E. A. Fox, Y. Chen, E. M. Hallerm, **Ricardo da Silva Torres**, E. J. Ramos, and T. R. C. Falcão. Superimposed image description and retrieval for fish species identification. In *Proc. 13th European Conference on Digital Libraries (ECDL)*, volume 5714 of *Lecture Notes in Computer Science*, pages 285–296, 2009.
- [4] F. A. Faria, A. Veloso, H. Almeida, E. A. Valle, **Ricardo da Silva Torres**, M. A. Gonçalves, and W. Meira. Learning to rank for content-based image retrieval. In *Proc. 11th ACM International Conference on Multimedia Information Retrieval (MIR)*, 2010.
- [5] **Margarete Oliveira Domingues**, P. J. S. G. Ferreira, **Sônia Maria Gomes**, **Anamaria Gomide**, A. Oliveira, J. R. Pereira, and P. Pinho. Runge-Kutta methods with time step control and adaptive grid refinement for Maxwell’s equations. In *Abstracts of the 3rd Chilean Workshop on Numerical Analysis of Partial Differential Equations*, page ???, 2010.
- [6] D. Robaina, S. L. G. O. Gonzaga, D. Brandão, M. Kischinhevsky, E. W. G. Clua, and **Anselmo Antunes Montenegro**. An adaptive data structure for volumetric mesh representation and visualization. In *Proc. Iberian-Latin-American Congress on Computational Methods in Engineering (CILAMCE)*, page ???, 2009.
- [7] R. Minetto, J. P. Papa, T. V. Spina, **Alexandre Xavier Falcão**, **Neucimar Jerônimo Leite**, and **Jorge Stolfi**. Fast and robust object tracking using Image Foresting Transform. In *Proc. 16th International Workshop on Systems, Signals and Image Processing (IWSSIP)*, pages 1–4, June 2009. Listed as ‘submitted’ in the previous report.

- [8] L. Lattari, **Anselmo Antunes Montenegro**, M. B. Vieira, V. F. Mota, A. Conci, and E. W. G. Clua. Human skin segmentation using graph-cuts. Technical report, Instituto de Computação, Universidade Federal Fluminense, 2009.
- [9] M. Joselli, M. P. M. Zamith, E. B. Passos, E. W. G. Clua, **Anselmo Antunes Montenegro**, and B. Feijó. A neighborhood grid data structure for massive 3D crowd simulation on gpu. In *Proc. SBGames 2009*, page ???, 2009.
- [10] M. Siqueira Júnior, D. Xu, J. Gallier, L. Nonato, D. M. Morera, and **Luiz Carlos Pacheco Rodrigues Velho**. A new construction of smooth surfaces from triangle meshes using parametric pseudo-manifolds. *Computers & Graphics*, 33:331–340, 2009.
- [11] **Margarete Oliveira Domingues**, P. J. S. G. Ferreira, **Sônia Maria Gomes**, **Anamaria Gomide**, J. R. Pereira, and P. Pinho. Grid structure impact in sparse point representation of derivatives. *Journal of Computational and Applied Mathematics*, page To appear, 2010. Listed as ‘unpublished’ in the previous report.
- [12] R. Deiterding, **Margarete Oliveira Domingues**, **Sônia Maria Gomes**, O. Roussel, and K. Schneider. Adaptive multiresolution or adaptive mesh refinement? A case study for 2D Euler equations. *ESAIM: Proceedings*, 29:28–42, 2009.
- [13] R. Deiterding, **Margarete Oliveira Domingues**, **Sônia Maria Gomes**, O. Roussel, and K. Schneider. Comparison between adaptive multiresolution (MR) and adaptive mesh refinement (AMR) methods for the 2D reactive Euler equations. In *Proc. 2009 Workshop on Numerical Approximations of Hyperbolic Systems with Source Terms and Applications*, page ???, 2009.
- [14] **Marcus Vinícius Alvim Andrade**, S. V. G. Magalhães, M. A. Magalhães, W. R. Franklin, and B. M. Cutler. Efficient viewshed computation on terrain in external memory. *Geoinformatica*, 1:1, 2009.
- [15] R. Deiterding, **Margarete Oliveira Domingues**, **Sônia Maria Gomes**, O. Roussel, and K. Schneider. Multiresolution and adaptive mesh refinement schemes: A comparative study. In *Abstracts of DINCON 2009*, page ???, 2009.
- [16] R. Deiterding, **Margarete Oliveira Domingues**, **Sônia Maria Gomes**, O. Roussel, and K. Schneider. Multiresolution and adaptive mesh refinement schemes: A comparative study. In *Abstract of DINCON 2009*, May 2009.
- [17] J. G. A. Almeida Júnior, R. Minetto, T. A. Almeida, **Ricardo da Silva Torres**, and **Neucimar Jerônimo Leite**. Robust estimation of camera motion using local invariant features. Technical report, ???, 2009.
- [18] J. G. A. Almeida Júnior, R. Minetto, T. A. Almeida, **Ricardo da Silva Torres**, and **Neucimar Jerônimo Leite**. Robust estimation of camera motion using optical flow models. In *Proc. 5th International Symposium on Visual Computing (ISVC)*, volume 5875 of *Lecture Notes in Computer Science*, pages 435–446, 2009.

- [19] U. Murthy, E. A. Fox, Y. Chen, E. M. Hallerm, and **Ricardo da Silva Torres**. Species identification: Fish images with CBIR and annotations. In *Proc. 2009 ACM Joint Conference on Digital Libraries (JCDL)*, pages 435–436, 2009.
- [20] J. A. Santos, C. D. Ferreira, **Ricardo da Silva Torres**, M. A. Gonçalves, and R. Lamparelli. A relevance feedback method based on genetic programming for classification of remote sensing images. *Information Sciences*, 2010, 2010.
- [21] T. Lewiner, H. Lopes, E. S. Medeiros, G. Tavares, and **Luiz Carlos Pacheco Rodrigues Velho**. Topological mesh operators. *Computer Aided Geometric Design*, 27:1–22, 2010.
- [22] J. Mena-Chalco, I. Macedo Júnior, **Luiz Carlos Pacheco Rodrigues Velho**, and R. César Júnior. 3D face computational photography using PCA spaces. *The Visual Computer*, 25:880–888, 2009.
- [23] K. Schneider, **Margarete Oliveira Domingues**, **Sônia Maria Gomes**, and O. Roussel. Fully adaptive multiresolution methods for evolutionary PDEs. In *Abstracts of the Multiresolution and Adaptive Methods for Convection-Dominated Problems (MAMCDP)*, page ???, 2009.
- [24] T. Vieira, A. Bordignon, T. Lewiner, and **Luiz Carlos Pacheco Rodrigues Velho**. Geometry super-resolution by example. In *Proc. XX Brazilian Symposium on Computer Graphics and Image Processing (SIBGRAPI)*, page ???, 2009.
- [25] D. Madeira, T. Lewiner, E. W. G. Clua, and **Anselmo Antunes Montenegro**. GPU octrees and optimized search. In *Proc. SBGames 2009*, page ???, 2009.
- [26] D. M. Bonilla, **Luiz Carlos Pacheco Rodrigues Velho**, L. Nonato, and A. Nachbin. Image fluid warping. In *Proc. IV Simposio Iberoamericano de Computación Grafica (SIACG)*, 2009.
- [27] T. V. Spina, J. A. Montoya-Zegarra, P. A. V. Miranda, and **Alexandre Xavier Falcão**. Improving user control with minimum involvement in user-guided segmentation by Image Foresting Transform. In *Proc. 13th Intl Conf on Computer Analysis of Images and Patterns, 2009, Munster. Proc. of the 13th Intl Conf on Computer Analysis of Images and Patterns. Heidelberg : Springer (LNCS), 2009. v. 5702. p. 971-978*, page ???, 2009.
- [28] **Konradin Metze**, **Randall Luís Adam**, J. R. Vido, and I. Lorand-Metze. The influence of staining characteristics on nuclear texture features in cytology. *Analytical and Quantitative Cytology and Histology*, 31:241–246, 2009.
- [29] G. Chiachia, A. N. Marana, J. P. Papa, and **Alexandre Xavier Falcão**. Infrared face recognition by Optimum-Path Forest. In *Proc. 16th International Conference on Systems, Signals, and Image Processing (IWSSIP)*, pages 1–4, June 2009.

- [30] D. A. Castro, **Sônia Maria Gomes**, **Anamaria Gomide**, and **Jorge Stolfi**. Multiresolution analysis on multidimensional dyadic grids. In *Proc. Sampling Theory and Applications (SAMPTA)*, page ???, 2009.
- [31] R. M. Savelli, **Anselmo Antunes Montenegro**, R. B. Seixas, and E. W. G. Clua. Objects visualization in digital terrains using adaptive view-dependent techniques. In *Proc. Internacional Conference On Computer Graphics Theory and Application (GRAPP)*, pages 379–386, 2009.
- [32] J. Medeiros, C. M. S. Freitas, M. Souza, and **Luiz Carlos Pacheco Rodrigues Velho**. Perspective contouring in illustrative visualization. In *Proc. XX Brazilian Symposium on Computer Graphics and Image Processing*, 2009.
- [33] T. Pereira, R. Leme, **Luiz Carlos Pacheco Rodrigues Velho**, and T. Lewiner. Symmetry-based completion. In *Proc. 2009 International Conference on Computer Graphics Theory and Applications (GRAPP)*, 2009.
- [34] A. B. Mantuan, **Helena Cristina Gama Leitão**, R. F. V. Saracchini, and **Jorge Stolfi**. Um algoritmo para identificação de linhas de bordo baseado na variação do mapa das normais. In *Proc. XXXII Congresso Nacional de Matemática Aplicada e Computacional (CNMAC)*, page ???, 2009.
- [35] A. Rocha, D. C. Hauagge, J. Wainer, and **Siome Klein Goldenstein**. Automatic fruit and vegetable classification from images. *Computers and Electronics in Agriculture*, 70:96–104, 2010.
- [36] J. P. Papa, V. H. C. Albuquerque, **Alexandre Xavier Falcão**, and J. M. R. S. Tavares. Fast automatic microstructural segmentation of ferrous alloy samples using Optimum-Path Forest. In *Proc. 2010 International Symposium on Computational Modelling of Objects Represented in Images: Fundamentals, Methods and Applications (CompIMAGE)*, volume ??? of *Lecture Notes on Computer Science*, page ???, 2010.
- [37] A. Rocha, D. C. Hauagge, J. Wainer, and **Siome Klein Goldenstein**. Método e sistema para reconhecimento e classificação de objetos em ambientes semi-controlados. Brazilian patent, 2010.
- [38] E. S. Medeiros, **Luiz Carlos Pacheco Rodrigues Velho**, H. Lopes, and T. Lewiner. On 2D solid alpha-complexes of Poisson disc samplings. *International Journal of Shape Modeling*, page (to appear), 2010.
- [39] F. A. Andaló, P. A. V. Miranda, **Ricardo da Silva Torres**, and **Alexandre Xavier Falcão**. Shape feature extraction and description based on tensor scale. *Pattern Recognition*, 43(1):26–36, 2010.
- [40] J. Estrada, V. Hernandez, D. M. Morera, and **Luiz Carlos Pacheco Rodrigues Velho**. Subdivision de courbes sur les surfaces avec controle de la longueur d’arc. *Revue Electronique Francophone d’Informatique Graphique*, page (to appear), 2010.

- [41] F. S. Romeiro, **Luiz Carlos Pacheco Rodrigues Velho**, and **Luiz Henrique de Figueiredo**. Scalable GPU rendering of CSG models. *Computers & Graphics*, 32:526–539, 2008.
- [42] M. A. Silva, Ralph Teixeira, and **Luiz Carlos Pacheco Rodrigues Velho**. Affine skeletons and Monge-Ampère equation. *SIAM Journal on Imaging Sciences*, 2:890–903, 2009.
- [43] R. Minetto, **Neucimar Jerônimo Leite**, and **Jorge Stolfi**. AffTrack: Robust tracking of features in variable-zoom videos. In *Proc. 16th IEEE International Conference on Image Processing (ICIP)*, pages 4285 – 4288, 2009.
- [44] P. A. V. Miranda, **Alexandre Xavier Falcão**, and J. K. Udupa. Cloud Bank: A multiple clouds model and its use in MR brain image segmentation. In *Proc. 6th IEEE International Symposium on Biomedical Imaging: From Nano to Macro (ISBI)*, pages 506–509, 2009.
- [45] R. Barriviera, W. R. Schwartz, and **Hélio Pedrini**. Compressão fractal de imagens baseada em tabelas de dispersão. In *Anais do V Workshop de Visão Computacional (WVC)*, volume 1, pages 1–6, 2009.
- [46] A. Schulz, E. Silva, and **Luiz Carlos Pacheco Rodrigues Velho**. *Compressive Sensing*. 27o. Colóquio Brasileiro de Matemática. Sociedade Brasileira de Matemática, 2009.
- [47] **Konradin Metze**, G. Vieira, and **Randall Luís Adam**. Computerized texture analysis of histologic sections: Comparison of aortas of normotensive and hypertensive patients. *Virchows Archiv*, 455:81–82, 2009.
- [48] I. Macedo Júnior, J. P. Gois, and **Luiz Carlos Pacheco Rodrigues Velho**. Hermite interpolation of implicit surfaces with radial basis functions. In *Proc. XX Brazilian Symposium on Computer Graphics and Image Processing (SIBGRAP)*, 2009.
- [49] M. Couto, **Cid Carvalho de Souza**, and **Pedro Jussieu de Rezende**. An IP solution to the art gallery problem. In *Proc. 15th ACM Annual Symposium on Computational Geometry, Abstracts of the Video Session*, pages 88–89, June 2009. Incorrectly listed in the previous report.
- [50] T. M. Preto, **Hélio Pedrini**, and T. Centeno. Reconstrução 3D de imagens médicas usando level sets para controle de metamorfose. In *Anais do 30o. Congresso Ibero-Latino-Americano de Métodos Computacionais em Engenharia*, pages 1–13, 2009.
- [51] R. Minetto, **Neucimar Jerônimo Leite**, and **Jorge Stolfi**. Robust tracking of features in variable-zoom videos. In *Proc. 2009 IEEE International Conference on Image Processing (ICIP)*, page ???, 2009.
- [52] R. F. V. Saracchini, **Jorge Stolfi**, and **Helena Cristina Gama Leitão**. Shape reconstruction using gauge-based photometric stereo method. In *Proc. XXXV Conferencia Latinoamericana de Informatica (CLEI)*, pages (CD-ROM), 2009.

- [53] J. G. A. Almeida Júnior, **Ricardo da Silva Torres**, and **Siome Klein Goldenstein**. SIFT applied to CBIR. *Revista de Sistemas de Informação*, 4:41–48, 2009.
- [54] J. Estrada, D. M. Morera, and **Luiz Carlos Pacheco Rodrigues Velho**. Subdivision curves on surfaces with arc-length control. In *Proc. 22es Journées de l’Association Française d’Informatique Graphique (AFIG)*, page ???, 2009.
- [55] P. A. V. Miranda, **Alexandre Xavier Falcão**, and J. K. Udupa. Synergistic arc-weight estimation for interactive image segmentation using graphs. *Computer Vision and Image Understanding*, page ???, 2009.
- [56] M. C. Santos, **Hélio Pedrini**, and A. L. Battaiola. Uma arquitetura para renderização de ambientes virtuais 3D na web em computadores com capacidade de processamento gráfico limitada. In *Anais do XV Simpósio Brasileiro de Sistemas Multimídia e Web (WebMedia)*, pages 1–8, 2009.
- [57] A. Schulz, E. Silva, and **Luiz Carlos Pacheco Rodrigues Velho**. Uma investigação empirica do desempenho da amostragem compressiva em codificacao de imagens. In *Proc. XXVII Simpósio Brasileiro de Telecomunicações (SBRT)*, page ???, 2009.
- [58] J. A. Santos, R. Lamparelli, and **Ricardo da Silva Torres**. Using relevance feedback for classifying remote sensing images. In *Proc. 2009 Brazilian Remote Sensing Symposium (SBSR)*, pages 7909–7916, 2009.
- [59] A. T. Silva, **Alexandre Xavier Falcão**, and L. P. Magalhães. A new CBIR approach based on relevance feedback and Optimum-Path Forest classification. In *Proc. 18th International Conference on Computer Graphics, Visualization and Computer Vision*, page ???, 2010.
- [60] M. C. Santos and **Hélio Pedrini**. Arquiteturas para renderização de cenas tridimensionais em computadores com baixa capacidade de processamento gráfico. In *Workshop of Theses and Dissertations (WTD) of the XXII Brazilian Symposium on Computer Graphics and Image Processing (SIBGRAPI)*, pages 1–8, 2009.
- [61] R. César Júnior and **Luiz Carlos Pacheco Rodrigues Velho**. A computer-assisted colorization approach based on efficient belief propagation and graph matching. In *Proc. 14th Iberoamerican Congress on Pattern Recognition (CIARP)*, page ???, 2009.
- [62] A. P. R. Malheiro and **Jorge Stolfi**. Finding minimal bases in arbitrary spline spaces. Technical Report IC-09-21, Instituto de Computação, UNICAMP, June 2009.
- [63] F. P. G. Bergo and **Alexandre Xavier Falcão**. Focal cortical dysplasia segmentation in 3d magnetic resonance images of the human brain. In *Anais do XXII Concurso de Teses e Dissertações da SBC*, pages 17–23, 2009.
- [64] **Konradin Metze** and **Randall Luís Adam**. Intrinsic problems of the nuclear shape factor analysis. *Diseases of the Colon & Rectum*, 52:1523–1523, 2009.

- [65] P. A. V. Miranda and **Alexandre Xavier Falcão**. Links between image segmentation based on Optimum-Path Forest and minimum cut in graph. *Journal of Mathematical Imaging and Vision*, 35:128–142, 2009.
- [66] A. Rocha and **Siome Klein Goldenstein**. Multi-class from binary - Divide to conquer. In *Proc. VISAP 2009*, pages 323–330, 2009.
- [67] E. Larsson and **Sônia Maria Gomes**. Multiscale radial basis approximations for the numerical solution of PDEs. In *Abstracts of ENUMATH 2009*, page ???, 2009.
- [68] E. Silva and **Luiz Carlos Pacheco Rodrigues Velho**. On the empirical rate-distortion performance of compressive sensing. In *Proc. 2009 International Congress of Image Processing (ICIP)*, 2009.
- [69] C. Camacho and **Luiz Henrique de Figueiredo**. On the limit of families of algebraic subvarieties with unbounded volume. *Astérisque*, 323:41–59, 2009.
- [70] J. P. Papa and **Alexandre Xavier Falcão**. On the training patters pruning for Optimum-Path Forest. In *Proc. 15th International Conference on Image Analysis and Processing*, volume 5716 of *Lecture Notes on Computer Science*, pages 259–268, 2009.
- [71] J. P. Papa and **Alexandre Xavier Falcão**. Optimum-Path Forest: A novel and powerful framework for supervised graph-based pattern recognition techniques. In *Anais do XXII Concurso de Teses e Dissertações da SBC*, pages 41–48, 2009.
- [72] L. B. Dorini and **Neucimar Jerônimo Leite**. Técnica não-linear para filtragem de ruído em imagens. In *Proc. XXXII Congresso Nacional de Matemática Aplicada e Computacional (CNMAC)*, 2009.
- [73] O. A. B. Penatti and **Ricardo da Silva Torres**. Eva - An evaluation tool for comparing descriptors in content-based image retrieval tasks. In *Proc. 11th ACM International Conference on Multimedia Information Retrieval (MIR), 2010, Philadelphia, Pennsylvania. MIR, 2010*, 2010.
- [74] G. P. Boiko. Análise comparativa de técnicas de iluminação global para síntese de imagens com realismo. Master’s thesis, Departamento de Informática, Universidade Federal do Paraná, 2009. Advisor: **Hélio Pedrini**.
- [75] G. Vieira. Análise da arquitetura da aorta de pacientes normotensos e hipertensos. Master’s thesis, Faculdade de Ciências Médicas, UNICAMP, 2009. Advisor: **Konradin Metze**.
- [76] A. R. Zang. Esquema hibrido para amostragem de mapas de iluminacao em renderizacoes foto-realistas. Master’s thesis, Instituto de Matemática Pura e aplicada, 2009. Advisor: **Luiz Carlos Pacheco Rodrigues Velho**. Trabalho premiado no Workshop de Teses e Dissertações (WTD) do SIBGRAPI 2009.

- [77] D. A. Castro. *Esquemas de aproximação em multinível e aplicações*. PhD thesis, Instituto de Matemática, Estatística e Computação Científica, UNICAMP, 2009. Thesis in preparation. Advisor: **Sônia Maria Gomes**.
- [78] **Alexandre Xavier Falcão**. Exploiting optimum connectivity in image analysis. *SPIE Newsroom*, pages 1–3, 2009.
- [79] M. A. Magalhães. Problemas de visibilidade em modelos digitais de terreno. Master’s thesis, Departamento de Informática, Universidade Federal de Viçosa, 2009. Advisor: **Marcus Vinícius Alvim Andrade**.
- [80] J. A. Santos. Reconhecimento semi-automático e vetorização de regiões em imagens de sensoriamento remoto. Master’s thesis, Instituto de Computação, UNICAMP, 2009. Advisor: **Ricardo da Silva Torres**.
- [81] M. C. Santos. Renderização de cenas tridimensionais interativas em computadores com recursos gráficos limitados. Master’s thesis, Departamento de Informática, Universidade Federal do Paraná, 2009. Advisor: **Hélio Pedrini**.
- [82] E. S. Medeiros. *Solid Topology in Multiresolution*. PhD thesis, Instituto de Matemática Pura e aplicada, 2009. Advisor: **Luiz Carlos Pacheco Rodrigues Velho**.
- [83] F. Goes. Técnicas espectrais para processamento de modelos geométricos. Master’s thesis, Instituto de Computação, UNICAMP, 2009. Advisor: **Siome Klein Goldenshtein**.
- [84] P. A. V. Miranda. *Um Modelo Discreto para Reconhecimento e Delimitação de Objetos em Imagens*. PhD thesis, Instituto de Computação, UNICAMP, 2009. Advisor: **Alexandre Xavier Falcão**.
- [85] R. D. C. Marín. Using line integral convolution to render effects on images. Master’s thesis, Instituto de Matemática Pura e aplicada, 2009. Advisor: **Luiz Henrique de Figueiredo**.
- [86] E. C. J. Silva. A hybrid method for computing apparent ridges. Master’s thesis, Instituto de Matemática Pura e aplicada, 2010. Advisor: **Luiz Henrique de Figueiredo**.

Produção no período não relacionada ao temático

- [87] N. P. Kozievitch, **Ricardo da Silva Torres**, T. R. C. Falcão, E. J. Ramos, F. Andrade, S. M. Allegretti, M. T. Ueta, R. R. Madi, U. Murthy, E. A. Fox, Y. Chen, and E. M. Hallerm. Evaluation of a tablet PC image annotation and retrieval tool in the parasitology domain. Technical report, ???, 2009.
- [88] M. Joselli, M. P. M. Zamith, E. W. G. Clua, **Anselmo Antunes Montenegro**, R. C. P. L. Toledo, A. Conci, P. A. Pagliosa, L. Valente, and B. Feijó. An adaptative game loop architecture with automatic distribution of tasks between CPU and GPU. *ACM Computers in Entertainment (online)*, 7(4):1–15 (article 50), December 2009.

- [89] M. Joselli, M. P. M. Zamith, L. Valente, E. W. G. Clua, **Anselmo Antunes Montenegro**, R. C. P. L. Toledo, and B. Feijó. A game loop architecture with automatic distribution of tasks and load balancing between processors. In *Proc. SBGames 2009*, page ???, 2009.
- [90] M. Siqueira Júnior, R. Alves, C. Silva, J. C. Oliveira Júnior, E. W. G. Clua, and **Anselmo Antunes Montenegro**. A novel algorithm to verify the solution of geometric puzzle games. In *Proc. SBGames 2009*, page ???, 2009.
- [91] P. Andrade, M. Knetchel, M. Ramos, **Anselmo Antunes Montenegro**, A. Conci, and E. W. G. Clua. A proposal of a shadow detection architecture interface for games using portable projectors. In *Proc. SBGames 2009*, page ???, 2009.
- [92] H. Lima, F. Andrade, E. B. Passos, E. W. G. Clua, and **Anselmo Antunes Montenegro**. An evaluation of JavaFX as 2D game creation tool. In *Proc. SBGames 2009*, page ???, 2009.
- [93] J. Silva Júnior, P. A. Pagliosa, E. W. G. Clua, **Anselmo Antunes Montenegro**, and L. G. P. Murta. A fast and safe framework to prototyping physical worlds using XNA and GPU. In *Proc. SBGames 2009*, page ???, 2009.
- [94] E. B. Passos, E. W. G. Clua, C. Pozzer, **Anselmo Antunes Montenegro**, and F. S. C. Silva. Hierarchical PNF networks: A temporal model of events for the representation and dramatization of storytelling. In *Proc. SBGames 2009*, page ???, 2009.
- [95] E. B. Passos, **Anselmo Antunes Montenegro**, E. W. G. Clua, C. Pozzer, and V. Azevedo. Neuronal editor agent for scene cutting in game cinematography. *ACM Computers in Entertainment (online)*, 7(4):1–17 (article 57), December 2009.
- [96] G. M. Freitas, A. M. H. Ávila, H. S. Pinto, J. P. Papa, and **Alexandre Xavier Falcão**. Optimum-Path Forest-based models for rainfall estimation. In *Proc. 16th International Conference on Systems, Signals and Image Processing (IWSSIP)*, pages 1–4, June 2009.
- [97] E. B. Passos, J. W. S. Sousa, E. W. G. Clua, **Anselmo Antunes Montenegro**, and L. G. P. Murta. Smart composition of game objects using dependency injection. *ACM Computers in Entertainment (online)*, 7(4):1–15 (article 53), December 2009.
- [98] J. P. Papa, A. N. Marana, A. A. Spadotto, R. C. Guido, and **Alexandre Xavier Falcão**. Robust and fast vowel recognition using Optimum-Path Forest. In *Proc. 35th IEEE International Conference on Acoustics, Speech, and Signal Processing*, page ???, 2010.
- [99] J. P. Papa, A. A. Spadotto, **Alexandre Xavier Falcão**, R. C. Guido, and J. C. Pereira. Robust biomedical signal recognition though Optimum-Path Forest. *Artificial Intelligence in Medicine*, page ???, 2010.

- [100] R. F. Pinheiro, **Konradin Metze**, M. R. R. Silva, and M. L. L. F. Chauffai. The ambiguous role of interferon regulatory factor-1 (IRF-1) immunoexpression in myelodysplastic syndrome. *Leukemia Research*, 33:1308–1312, 2009.
- [101] M. Cicconet, I. Paterman, P. C. P. Carvalho, and **Luiz Carlos Pacheco Rodrigues Velho**. The Blues Machine. In *Abstracts of Applications of SIGGRAPH 2009*, page ???, 2009.
- [102] D. Pires, E. W. G. Clua, **Anselmo Antunes Montenegro**, and E. B. Passos. An event tree for assisting the director agent in automatic camera positioning. In *Proc. SB-Games 2009*, page ???, 2009.
- [103] S. M. Stempliuć, J. Lisboa Filho, **Marcus Vinícius Alvim Andrade**, and K. A. V. Borges. Extending the UML-GeoFrame data model for conceptual modeling of network applications. In *Proc. 2009 International Conference on Enterprise Information Systems (ICEIS)*, volume 11, pages 1–8, 2009.
- [104] C. Ramos, A. Souza, J. P. Papa, and **Alexandre Xavier Falcão**. Fast non-technical losses identification through Optimum-Path Forest. In *Proc. 15th International Conference on Intelligent System Application to Power Systems*, pages 1–5, 2009.
- [105] F. A. M. Cappabianco, G. C. S. Araújo, R. Azevedo, and **Alexandre Xavier Falcão**. A general image processing architecture for FPGA. In *Proc. 2009 Southern Programmable Logic Conference*, volume 1, pages 27–32, 2009.
- [106] **Alexandre Xavier Falcão**, J. C. F. Gomes, S. H. Shimizu, and C. T. N. Suzuki. Método de preparação de amostra coproparasitológica fecal e composição clarificante. Brazilian patent, 2009.
- [107] P. C. P. Carvalho, **Luiz Carlos Pacheco Rodrigues Velho**, S. Krakowski, and M. Cicconet. *Metodos Matematicos e Computacionais em Música*. Sociedade Brasileira de Matemática Aplicada e Computacional, 2009.
- [108] M. Cortes, E. W. G. Clua, **Anselmo Antunes Montenegro**, and V. Silva. A motivational framework for NPCs. In *Actas da Conferencia de Ciências e Artes dos Videojogos 2009*, 2009.
- [109] C. X. F. Mendonça Neto, **Jorge Stolfi**, L. Faria, and C. M. H. Figueiredo. Skewness, splitting numbers and vertex deletion of some toroidal meshes. *Ars Combinatoria*, 92:53–65, 2009.
- [110] A. I. Iliev, M. S. Scordilis, J. P. Papa, and **Alexandre Xavier Falcão**. Spoken emotion recognition through Optimum-Path Forest classification using glottal features. *Computer Speech & Language*, page ???, 2009.
- [111] A. Alves, P. Matos, R. Lopes, and **Luiz Carlos Pacheco Rodrigues Velho**. A tangible environment for creating animations. In *Proc. 2009 CELDA*, page ???, 2009.

- [112] C. Macário, J. A. Santos, C. M. B. Medeiros, and **Ricardo da Silva Torres**. Annotating data to support decision-making: A case study. In *Proc. 6th Workshop on Geographic Information Retrieval (GIR)*, 2010.
- [113] A. Alves, R. Lopes, P. Matos, and **Luiz Carlos Pacheco Rodrigues Velho**. REACTOONS: A tangible environment for creating animations. In *Proc. 2010 IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning (DIGITEL)*, 2010.
- [114] A. Alves, P. Matos, R. Lopes, and **Luiz Carlos Pacheco Rodrigues Velho**. Um ambiente tangível para criação de animações 2D. In *Proc. 7o. Simposio Iberoamericano en Educación, Cibernética e Informática (SIECI)*, 2010.
- [115] A. Rocha, W. Scheirer, T. Boulton, and **Siome Klein Goldenstein**. Vision of the unseen: Current trends and challenges in digital image and video forensics. *ACM Computing Surveys*, page To appear, 2010.
- [116] M. Cicconet, M. Gattass, P. C. P. Carvalho, and **Luiz Carlos Pacheco Rodrigues Velho**. Visual pitch class profile: A video-based method for real-time guitar chord identification. In *Proc. International Conference on Computer Vision Theory and Application (VISAPP)*, page ???, 2010.
- [117] G. Manic, L. Bahiense, and **Cid Carvalho de Souza**. A branch & cut algorithm for the maximum common edge subgraph problem. *Electronic Notes in Discrete Mathematics*, 35:47–52, 2009.
- [118] M. P. Saba, A. Máximo, and **Luiz Carlos Pacheco Rodrigues Velho**. collecTable: A natural interface for music collections. In *Abstracts of Applications of SIGGRAPH 2009*, page ???, 2009.
- [119] A. Máximo, M. P. Saba, and **Luiz Carlos Pacheco Rodrigues Velho**. collecTable: Uma interface natural para coleções de musica. In *Proc. 4o. Infodesign (CIDI)*, 2009.
- [120] L. M. V. Cruz, L. A. R. Escriba, and **Luiz Carlos Pacheco Rodrigues Velho**. Multitouch sketch based modeling. In *Workshop of Undergraduate Works (WUW)*, 2009.
- [121] S. Krakowski, F. Pachet, and **Luiz Carlos Pacheco Rodrigues Velho**. Pandeiro Funk: Experiments on rhythm-based interaction. In *Abstracts of Applications of SIGGRAPH 2009*, page ???, 2009.
- [122] L. Simonetti, Y. Frota, and **Cid Carvalho de Souza**. Upper and lower bounding procedures for the minimum caterpillar spanning problem. *Electronic Notes in Discrete Mathematics*, 35:83–88, 2009.
- [123] S. Reis, F. Traina, and **Konradin Metze**. Variation of bone marrow CD34+ cell subsets in myelodysplastic syndromes according to who types. *Neoplasma*, 56:435–440, 2009.

- [124] P. Lucena, A. Sá, and **Luiz Carlos Pacheco Rodrigues Velho**. Virtual emotion to expression: A comprehensive dynamic emotion model to facial expression generation using the MPEG-4 standard. In *Computer Animation*. Nova Science, 2009.
- [125] M. Cicconet, P. C. P. Carvalho, and **Luiz Carlos Pacheco Rodrigues Velho**. On bimodal guitar-chord recognition. In *Proc. 2010 International Computer Music Conference (ICMC)*, 2010.
- [126] E. A. Hoshino and **Cid Carvalho de Souza**. A branch-and-cut-and-price approach for the capacitated m -ring-star problem. *Electronic Notes in Discrete Mathematics*, 35:103–108, 2009.
- [127] **Siome Klein Goldenstein** and A. Rocha. High-profile forensic analysis of image. In *Proc. 3rd International Conference on Imaging for Crime Detection and Prevention*, 2009.
- [128] **Luiz Henrique de Figueiredo** and R. Ierusalimschy. Lua. In *Masterminds of Programming: Conversations with the Creators of Major Programming Languages*, pages 161–176. O’Reilly, 2009.
- [129] L. T. Li and **Ricardo da Silva Torres**. Revisitando os desafios da recuperação de informação geográfica na web. Technical report, ???, 2009.
- [130] A. Rocha and **Siome Klein Goldenstein**. CSI: Análise forense de documentos digitais. In *Jornada de Atualização em Informática 2010*. ???, 2010.
- [131] A. Rocha and **Siome Klein Goldenstein**. Progressive randomization: Seeing the unseen. *Computer Vision and Image Understanding*, 114:349–362, 2010.
- [132] B. Madeira and **Luiz Carlos Pacheco Rodrigues Velho**. Virtual and augmented reality at IMPA. *Obra de artes visuais/Vídeo*, 2010.
- [133] V. F. Cavalcante and **Cid Carvalho de Souza**. Exact algorithms for the vertex separator problem in graphs. *Networks*, page To appear, 2011.
- [134] B. P. Ribeiro. Estudo poliédrico do problema do máximo subgrafo induzido comum. Master’s thesis, Instituto de Computação, UNICAMP, 2009. Advisor: **Cid Carvalho de Souza**.
- [135] **Luiz Carlos Pacheco Rodrigues Velho**. Interactive media and natural interfaces. In *Proc. Festival Internacional de Linguagem Eletronica (FILE)*, page ???, 2009.
- [136] A. M. Cunha. *Movimento da Cabeça Guiado pela Voz*. PhD thesis, Instituto de Matemática Pura e aplicada, 2009. Advisor: **Luiz Carlos Pacheco Rodrigues Velho**.
- [137] E. A. Hoshino. *O Método da Geração de Colunas Aplicado a Problemas de Otimização em Grafos*. PhD thesis, Instituto de Computação, UNICAMP, 2009. Advisor: **Cid Carvalho de Souza**.

- [138] **Konradin Metze**. Pitfalls in prognostic factor studies. *Journal of Cutaneous Pathology*, 36:713–714, 2009.
- [139] S. Krakowski. *Rhythm-Controlled Automata Applied to Musical Improvisation*. PhD thesis, Instituto de Matemática Pura e aplicada, 2009. Advisor: **Luiz Carlos Pacheco Rodrigues Velho**.
- [140] F. B. Gil. Serviço web para anotação de dados geográficos vetoriais e sua aplicação em sistemas de informação de biodiversidade. Master’s thesis, Instituto de Computação, UNICAMP, 2009. Advisor: **Ricardo da Silva Torres**.
- [141] **Luiz Carlos Pacheco Rodrigues Velho**. N-PAN: Narratives with gigapixel panorama. In *Proc. IEEE International Conference on Computational Photography (ICCP)*, page ???, 2010.
- [142] **Luiz Carlos Pacheco Rodrigues Velho**. Panosuite: A production pipeline for panorama. In *Proc IEEE International Conference on Computational Photography (ICCP)*, page ???, 2010.

Produção a classificar

- [143] F. F. Pruski, G. T. G. Moreira, J. M. A. Silva, C. P. Ferreira, M. C. O. Moreira, N. P. Griebeler, **Marcus Vinícius Alvim Andrade**, and A. F. Teixeira. *Terraço 4.1 - Práticas Mecânicas para a Conservação de Solo e Água em Áreas Agrícolas*. Aeagri, Viçosa, MG, first edition, 2009.
- [144] E. B. Passos, M. Joselli, M. P. M. Zamith, E. W. G. Clua, **Anselmo Antunes Montenegro**, A. Conci, and B. Feijó. A bidimensional data structure and spatial optimization for supermassive crowd simulation on GPU. *ACM Computers in Entertainment (online)*, 7(4):1–15 (article 60), December 2009.
- [145] T. Vieira, A. Bordignon, A. Peixoto, G. Tavares, H. Lopes, **Luiz Carlos Pacheco Rodrigues Velho**, and T. Lewiner. Learning good views through intelligent galleries. *Computer Graphics Forum*, 28:717–726, 2009.
- [146] M. P. M. Zamith, **Anselmo Antunes Montenegro**, E. B. Passos, E. W. G. Clua, A. Conci, R. C. P. L. Toledo, and P. T. Mourão. Real time feature-based parallel morphing in GPU - An application to texture-based animation. In *Proc. 16th International Conference on Systems, Signals and Image Processing (IWSSIP)*, pages 1–4, June 2009.
- [147] A. G. Ojeda, M. C. Simões, V. Klausner, **Margarete Oliveira Domingues**, O. Mendes Júnior, and A. R. R. Papa. Orthogonal discrete wavelet decomposition: Part 1. using ACE satellite data. In *Anais do DINCON 2009*, 2009.
- [148] V. Klausner, M. C. Simões, A. G. Ojeda, **Margarete Oliveira Domingues**, A. R. R. Papa, and O. Mendes Júnior. Orthogonal discrete wavelet decomposition: Part 2. analysis of magnetogram data. In *Anais do DINCON 2009*, 2009.

- [149] M. Knetchel, **Anselmo Antunes Montenegro**, E. W. G. Clua, and A. Conci. An automatic method of applying color in digital images. In *Proc. XXII Brazilian Symposium on Computer Graphics and Image Processing (SIBGRAPI)*, page ???, 2009.
- [150] J. L. Gonçalves, I. Mozolevski, P. R. B. Devloo, and **Sônia Maria Gomes**. Goal-oriented error estimation and HP-adaptivity for discontinuous Galerkin finite element method applied to biharmonic equation. In *Abstracts of ENUMATH 2009*, page ???, 2009.
- [151] T. B. Veronese, **Margarete Oliveira Domingues**, O. Mendes Júnior, and R. R. Rosa. How much is the spatio-temporal data asymetry affected by a compact wavelet reconstruction? In *Anais do DINCON 2009*, 2009.
- [152] M. Ramos, **Anselmo Antunes Montenegro**, E. W. G. Clua, and A. Conci. An interactive interface based on 2D object pose estimation. In *Proc. XXII Brazilian Symposium on Computer Graphics and Image Processing (SIBGRAPI)*, page ???, 2009.
- [153] K. C. L. Santos, H. Almeida, M. A. Gonçalves, and **Ricardo da Silva Torres**. Recuperação de imagens da web utilizando múltiplas evidências textuais e programação genética. In *Proc. XXIV Simpósio Brasileiro de Banco de Dados, 2009, Fortaleza, Ce. SBBD, 2009*, 2009.
- [154] G. M. Freitas, A. M. H. Ávila, J. P. Papa, and **Alexandre Xavier Falcão**. Estimativa de precipitação em áreas agrícolas utilizando floresta de caminhos ótimos. *Revista Brasileira de Meteorologia*, page ???, 2010.
- [155] J. P. Papa, G. M. Freitas, **Alexandre Xavier Falcão**, and A. M. H. Ávila. Robust training patterns pruning for Optimum-Path Forest and its application for satellite-based rainfall estimation. *IEEE Geoscience and Remote Sensing Letters*, page ???, 2010.
- [156] D. Siqueira, P. R. B. Devloo, and **Sônia Maria Gomes**. Adaptive high order finite element methods in $h(\text{div})$ and $h(\text{curl})$. In *Abstracts of ENUMATH 2009*, page ???, 2009.
- [157] A. Máximo, M. P. Saba, and **Luiz Carlos Pacheco Rodrigues Velho**. M-Cube: A visualization tool for multi-dimensional multimedia databases. In *Proc. 2009 Interaction South America*, page ???, 2009.
- [158] T. L. Forti, P. R. B. Devloo, and **Sônia Maria Gomes**. O impacto do uso de funções de enriquecimento no método de Galerkin descontínuo. In *Proc. XXX CILAMCE*, page ???, 2009.
- [159] **Hélio Pedrini**, H. C. Ibañez, and B. C. Figueiredo. *Sistema de Web Mapping*, volume 1, pages 1–101. Editora da Universidade Federal do Paraná, 2009.
- [160] T. L. Forti, P. R. B. Devloo, and **Sônia Maria Gomes**. The discontinuous Galerkin methods with enriched approximation space. In *Abstracts of the 3rd Chilean Workshop on numerical Analysis of Partial Differential Equations*, page ???, 2010.

- [161] S. V. G. Magalhães and **Marcus Vinícius Alvim Andrade**. Heurística para o posicionamento de observadores em terrenos armazenados em memória externa. In *Anais da Conferencia Latinoamericana de Informática 2009 (CLEI)*, 2009.
- [162] **Konradin Metze** and **Randall Luís Adam**. Is there a reliable minimum number of lymph nodes for T1 and T2 colon cancer? *Digestive Diseases and Sciences*, 54(4):914–915, April 2009. Author’s reply on p. 916. Incorrectly listed in the previous report.
- [163] T. Pereira and **Luiz Carlos Pacheco Rodrigues Velho**. RGBN image editing. In *Proc. XX Brazilian Symposium on Computer Graphics and Image Processing (SIB-GRAPI)*, page ???, 2009.
- [164] T. Pereira and **Luiz Carlos Pacheco Rodrigues Velho**. RGBN image editing, 2009. Software.
- [165] T. Pereira and **Luiz Carlos Pacheco Rodrigues Velho**. Normal synthesis on RGBN images. In *Proc. 2010 International Conference on Computer Graphics Theory and Applications (GRAPP)*, 2010.
- [166] O. A. B. Penatti. Estudo comparativo de descritores para recuperação de imagens por conteúdo na web. Master’s thesis, Instituto de Computação, UNICAMP, 2009. Advisor: **Ricardo da Silva Torres**.
- [167] **Konradin Metze**. Lymph node yield as a prognostic factor in cancer studies: Due to undersampling of tumor-free lymph nodes at higher N stages? *Annals of Surgical Oncology*, 16(4):1080–1082, April 2009. Author’s reply on p. 1083. Incorrectly listed in the previous report.
- [168] D. Rampanelli. O teorema de Liouville sobre integrais elementares. Master’s thesis, Instituto de Matemática Pura e aplicada, 2009. Advisor: **Luiz Henrique de Figueiredo**.
- [169] K. C. L. Santos. Uma abordagem evolutiva para recuperação de imagens da web. Master’s thesis, Departamento de Ciência da Computação, Universidade Federal de Minas Gerais, 2009. Advisor: M. A. Gonçalves; Co-Advisor: **Ricardo da Silva Torres**.
- [170] T. Vieira. *Galerias Inteligentes e Otimização de Posicionamento de Câmera*. PhD thesis, Pontifícia Universidade Católica do Rio de Janeiro, 2010. Co-advisor: **Luiz Carlos Pacheco Rodrigues Velho**.
- [171] R. T. Calumby. Recuperação multimodal de imagens com realimentação de relevância baseada em programação genética. Master’s thesis, Instituto de Computação, UNICAMP, 2010. Advisor: **Ricardo da Silva Torres**.
- [172] F. A. Faria. Uso de técnicas de aprendizagem para classificação e recuperação de imagens. Master’s thesis, Instituto de Computação, UNICAMP, 2010. Advisor: **Ricardo da Silva Torres**.