

ANDRADE, A.; BOTELHO, M. F.; CENTENO, J. Classificação de imagens de alta resolução integrando variáveis espectrais e forma utilizando redes neurais artificiais. In: XI SEMINÁRIO BRASILEIRO DE SENSORIAMENTO REMOTO, Belo Horizonte, Brasil, **Anais do XI Seminário Brasileiro de Sensoriamento Remoto**, Belo Horizonte, Brasil, 05-10 abril 2003, INPE, p. 265-272.

ASRAR, G. (Ed.) **Theory and applications of optical remote sensing**. Nova Iorque: Wiley, 1990. 735p.

BALTSAVIAS, E. P. Object extraction and Revision by Image Analysis Using Existing Geodata and Knowledge: Current Status and Steps Towards Operational Systems. In: **ISPRS Journal of Photogrammetry & Remote Sensing**. n.58, 2004. p.129-151.

BLASCHKE, T.; LANG, S.; LORUP, E.; STROBL, J.; ZEI, P. Object-oriented image processing in an integrated GIS/remote sensing environment and perspectives for environmental applications. In: CREMERS, A., GREVE, K. (Eds.). **Environmental Information for Planning, Politics and the Public**. Marburg: Metropolis-Verlag, 2000. 2 v. p.555-570.

BRACHMAN, R.C. et al. Living with CLASSIC: When and How to Use a KL-ONE-Like Language. In: SOWA, J. F. **Principles of semantic networks: explorations in the representation of knowledge**. 1 ed. p. 401-456. San Mateo, California: Morgan Kaufmann, 1991.

BRASIL. Código Florestal (1965). Artigo 2º, Regulamentado pela Lei nº 7.803 de 18.7.1989. Dispõe sobre as áreas de preservação permanente.

BRASIL. Constituição da República Federativa do Brasil, 1988.

BÜCKNER, J.; JUNG, S.; PAKZAD, K. Image Interpretation and GIS Analysis as an Approach for Moor Monitoring. In: INTERNATIONAL CONFERENCE ON DYNAMIC AND MULTI-DIMENSIONAL GIS - DMGIS 99, 1999, Pequim, China. **Proceedings of the International Conference on Dynamic and Multi-Dimensional GIS DMGIS 99**, Pequim, China, 1999, p. 341-349.

BÜCKNER, J.; MÜLLER, S.; PAHL, M.; STAHLHUT, O. Semantic Interpretation of Remote Sensing Data. In: ISPRS COMMISSION III, SYMPOSIUM 2002, 2002, Graz, Áustria. **Proceedings of the ISPRS Technical Commission III Symposium 2002 ISPRS2002**, Graz, Austria, IAPRS Vol.XXXIV, part 3, ISSN 1682-1750, 2002b. Disponível em: <<http://www.isprs.org/commission3/proceedings/papers/paper008.pdf>>

BÜCKNER, J.; PAHL, M.; STAHLHUT, O.; LIEDTKE, C.-E. A Knowledge-Based System for Context Dependent Evaluation of Remote Sensing Data. In: 24th DAGM SYMPOSIUM, 2002, Zurich, Suíça. GOOL, LUC J. VAN (Ed.).

Proceedings. Lecture Notes in Computer Science 2449 Springer 2002, Springer-Verlag, Heidelberg, ISBN 3-540-44209-X. Swiss Federal Institute of Technology (ETH), Computer Vision Laboratory, 2002a, p. 58-65.

BÜCKNER, J.; PAHL, M.; STAHLHUT, O.; LIEDTKE, C.-E. GEOAIDA - A Knowledge Based Automatic Image Data Analyzer for Remote Sensing Data. In: ICSC CONGRESS ON COMPUTATIONAL INTELLIGENCE METHODS AND APPLICATIONS 2001 - CIMA 2001, 2001, Bangor, Wales, Reino Unido. **Proceedings (CD ROM) of The Congress on Computational Intelligence Methods and Applications 2001 - CIMA 2001**. International Computing Sciences Conventions - University of Wales in Bangor, U.K, 2001.

CAETANO, M.; SANTOS, T.; GONÇALVES, L. Cartografia de Ocupação do Solo com Imagens de Satélite: estado da arte, in: VII ENCONTRO NACIONAL DE UTILIZADORES DE INFORMAÇÃO GEOGRÁFICA, Tagus Park Oeiras, Portugal, 15 de Novembro de 2002. **Anais...** Disponível em: <http://www.igeo.pt/IGEO/portugues/servicos/biblioteca/PublicacoesIGP_files/es_ig_2002/papers/p092.pdf>

CAMPBELL, J. B. **Introduction to Remote Sensing**. 3.ed. Nova York: Guilford Publications, 2002. 621 p. ISBN 1572306408.

CARRION, D.; GIANINETTO, M.; SCAIONI, M. GEOREF: A Software for Improving the Use of Remote Sensing Images in Environmental Applications. In: IEMSS 2002 - INTEGRATED ASSESSMENT AND DECISION SUPPORT, 2002, Lugano, Suíça. **Proceedings of IEMSS 2002**, 2 v., pp. 360.

CAZES, T. B. Investigação de métodos automáticos para geração de conjuntos de treinamentos de classificação de imagens multitemporais. Rio de Janeiro: PUC-Rio, Departamento de Engenharia Elétrica, Disciplina Visão Computacional, fevereiro de 2004. Relatório técnico.

CLÉMENT, V.; GIRAUDON, G.; HOUZELLE, S.; SANDAKLY, F. Interpretation of Remotely Sensed Images in a Context of Multisensor Fusion Using a Multispecialist Architecture. **IEEE Transactions on Geoscience and Remote Sensing**, v. 31, n. 4, p. 779-791, jul. 1993.

COCQUEREZ, J.-P.; PHILIP, S. **Analyse d'images: filtrage et segmentation**. 1.ed. Paris: Masson S.A., 1995. 456p. ISBN 2-225-84923-4.

COLWELL, R.N. (Ed.) **Manual of remote sensing**. 2.ed. v.1/2. Falls Church: Asprs Pubns, 1983. 2240 p. ISBN 0-686-23108-2

COPPIN, P.; LAMBIN, E.; JONCKHEERE, I.; MUYS, B. Digital change detection methods in natural ecosystem monitoring: A review. In: Analysis of multi-temporal remote sensing images. **Proceedings of the First International Workshop on the Analysis of Multitemporal Remote Sensing Images**. Trento, Itália, 13-14 setembro 2001.

DARWISH, A.; LEUKERT, K.; REINHARDT, W. Image Segmentation for the Purpose of Object-Based Classification, In: IGARSS 2003, July 2003, Toulouse. **Proceedings of IGARSS 2003**. Toulouse, jul. 2003. Não paginado.

DESACHY, J. **Interprétation automatique d'images satellite: le système ICARE**. Toulouse, 1991. Tese de Doutorado, Universidade Paul Sabatier.

DRURY, S. A. **Images of the Earth: Guide to remote sensing**. 1.ed. Oxford University Press, 1997. 212 p. ISBN 0198549989.

DUARTE, D.; NASCIMENTO, R.; CAZES, T. **Uso de Inteligência computacional em métodos de classificação de imagens de sensores remotos**. Projeto final. Universidade do Estado do Rio de Janeiro, Faculdade de Engenharia, Departamento de sistemas de computação, 2003.

DUDA, R. O.; HART, P. E.; STORK, D. G. **Pattern Classification**. 2.ed. Nova Iorque: Wiley-Interscience. 654 p., 2001. ISBN: 0-471-05669-3.

EHLERS, M.; JANOWSKY, R.; GÄHLER, M. New Remote Sensing Concepts for Environmental Monitoring. In: Ehlers, M. (Ed.), Conf. Remote Sensing for Environmental Monitoring, GIS Applications, and Geology, 2002, Bellingham, WA. **Proceedings SPIE**, Vol. 4545, p.1-12,

ELACHI, C. **Wiley Series in Remote Sensing: Introduction to the physics and techniques of remote sensing**. John Wiley & Sons Inc, 1987. 432 p. ISBN 0471848107

FEITOSA, R. Q.; MEIRELLES, M. S. P.; BLOIS, P. A. Using linear regression for the automation of supervised classification in multitemporal images, In: FIRST INTERNATIONAL WORKSHOP ON THE ANALYSIS OF MULTITEMPORAL REMOTE SENSING IMAGES, 13-14 de setembro, 2001. **Proceedings of the First International Workshop on the Analysis of Multitemporal Remote Sensing Images**, Trento, Itália, 13-14 setembro 2001.

FÖRSTNER, W.; PLÜMER, L. (Eds.). **Semantic Modeling for the Acquisition of Topographic Information from Images and Maps**, Boston: Birkhäuser Verlag, 1997. 227 p. ISBN: 3764357584.

FUNG, T.; LEDREW, E. Application of principal components analysis to change detection. **Photogrammetric Engineering & Remote Sensing**. n. 53, p.1649-1658, 1987.

FURLEY, P. A.; RATTER, J. A. Soil resources and plant communities of the central Brazilian cerrado and their development. **Journal of Biogeography**. n.15, p. 97-108, 1988.

GONZALEZ, R.; WOODS, R. **Digital image processing**. 1.ed. Massachusetts: Addison-Wesley publishing company, 1993. ISBN 0-201-50803-6.

GRAU, O.; TÖNJES, R. Knowledge Based Modeling of Natural Scenes, In: European WORKSHOP ON COMBINED REAL AND SYNTHETIC IMAGE PROCESSING FOR BROADCAST AND VIDEO PRODUCTION. 23-24 de novembro de 1994, Hamburgo, Alemanha. **Proceedings of the European Workshop on Combined Real and Synthetic Image Processing for Broadcast and Video Production**. 1994.

GROWE, S. Knowledge Based Interpretation of Multisensor and Multitemporal Remote Sensing Images, In: INTERNATIONAL ARCHIVES OF PHOTOGRAMMETRY AND REMOTE SENSING, Valladolid, Espanha, 3-4 de junho de 1999. **International Archives of Photogrammetry and Remote Sensing**, v. 32, Part 7-4-3 W6, Valladolid, Espanha, 1999.

GROWE, S. **Wissensbasierte Interpretation multitemporaler Luftbilder**, Hannover, Alemanha, 2001, Tese de Doutorado, Institut für Theoretische Nachrichtentechnik und Informationsverarbeitung - Universidade de Hannover.

GROWE, S.; SHRÖDER, T., LIEDTKE, C.-E. Use of Bayesian networks as judgement calculus in a knowledge based image interpretation system, In: 19th CONGRESS OF THE INTL. SOCIETY OF PHOTOGRAMMETRY AND REMOTE SENSING, Julho de 2000, Amsterdam, Holanda. **Proceedings of IAPRS 2000**, v. XXXIII, Amsterdam, 2000.

HALLIDAY, David et al. **Fundamentos da Física**. v.3 e 4. Rio de Janeiro: Livros Técnicos e Científicos Editora S.A.1995.

HARRIES, J. E. **Earthwatch: The Climate from Space**. 1 ed. Ellis Horwood, 1990. 150 p. ISBN 0132238438.

IBGE. Desenvolvido pelo Instituto Brasileiro de Geografia e Estatística, 199?-2004. Apresenta dados geográficos e estatísticos oficiais do Brasil. Disponível em: <<http://www.ibge.gov.br/>>. Acesso em: 15 de setembro de 2004.

ICNEA - I CONFERÊNCIA NACIONAL DE EDUCAÇÃO AMBIENTAL -, Ministério do Meio Ambiente dos Recursos Hídricos e da Amazônia Legal e Ministério da Educação e do Desporto, 1997, Brasília. **Declaração de Brasília para a Educação Ambiental**. Brasília: Ministério do Meio Ambiente dos Recursos Hídricos e da Amazônia Legal e Ministério da Educação e do Desporto, Brasil,1997.

JÄHNE, B. **Digital image processing**. 2.ed., Berlin Heidelberg: Springer-Verlag, 1991, ISBN 3-540-56941-3.

JAIN, A. **Fundamentals of digital image processing**. 1.ed. Eaglewood Cliffs: Prentice Hall, 1989, ISBN 0-13-336165-9.

JENSEN, J. Thematic information extraction: image classification. In:___ **Introductory digital image processing**. 2.ed. New Jersey: Prentice Hall, 1996. p.197-252.

JOSEPH, G. **Fundamentals of Remote Sensing**. 1. ed. Hyderabad: Universities Press (India), 2003. 452 p. ISBN 81-7371-457-6.

KOCK, H; PAKZAD, K.; TÖNJES, R. Knowledge based interpretation of aerial images and maps using a digital landscape model as partial interpretation. In:___ **Semantic Modeling for the Acquisition of Topographic Information from Images and Maps**, FORSTNER, W.; PALMER, L. (Ed.), Basel: Verlag, 1997, pp. 3-19.

KRUG, T. Tecnologia Espacial como Suporte à Gestão dos Recursos Naturais. **Parcerias Estratégicas**, n.7, p. 211-225, out. 1999.

KUNCHEVA, L. I. How good are fuzzy if-then classifiers? In: **IEEE Transactions on Systems, Man, and Cybernetics**. Part B: Cybernetics, v.30, no.4, 2000, p. 501-509. Disponível em: <http://www.informatics.bangor.ac.uk/~kuncheva/papers/lksmc00.pdf>

KUNZ, D. Investigation of Synergy Effects Between Satellite Imagery and Digital Topographic Databases by Using Integrated Knowledge Processing, In: International Archives of Photogrammetry and Remote Sensing, 3-4 junho 1999, Valladolid, Espanha, 1999. **Proceedings of International Archives of**

Photogrammetry and Remote Sensing, 3-4 junho 1999, Valladolid, Espanha, v.32, 1999.

KUNZ, D.; SCHILLING, K.; VÖGTLE, T. A new approach for satellite image analysis by means of a semantic network. In: W. FÖRSTNER W.; PLUMER, L. (Eds.) **Semantic Modeling**. Birkhäuser, Basel, 1997, p. 20–36. Disponível em: <http://citeseer.nj.nec.com/kunz97new.html>

LARGOUËT, C.; CORDIER, M.-O. Timed Automata Model to Improve the Classification of a Sequence of Images. In: ECAI'2000 (European Conference on Artificial Intelligence), Berlim, Alemanha, 20-25 de agosto, 2000. **Proceedings of ECAI'2000 (European Conference on Artificial Intelligence)**, Berlim, Alemanha, 20-25 de agosto, 2000, p. 156-160

LIEDTKE, C.-E.; BÜCKNER, J.; PAHL, M.; STAHLHUT, O. Knowledge Based System for the Interpretation of Complex Scenes, Third International Workshop on Automatic Extraction of Man-Made Objects from Aerial and Space Images, 10 a 15 de junho de 2001, Centro Stefano Franscini, Monte Verità, Ascona, Suíça. **Proceedings of the Third International Workshop on Automatic Extraction of Man-Made Objects from Aerial and Space Images**. Zurique: Institute of Geodesy and Photogrammetry, and Communication Technology Laboratory, Computer Vision Group, 2001. Não paginado.

LIEDTKE, C.-E.; BÜCKNER, J.; GRAU, O.; GROWE, S.; TÖNJES, R. AIDA: A System for the Knowledge Based Interpretation of Remote Sensing Data, In: THIRD INTERNATIONAL AIRBORNE REMOTE SENSING CONFERENCE AND EXHIBITION, 1999, Copenhagen, Dinamarca, **Proceedings of the Third International Airborne Remote Sensing Conference and Exhibition**. Environmental Research Institute of Michigan, AGU, 1997.

LILLESAND, T.; KIEFER, R. **Remote Sensing and Image Interpretation**. 4.ed. Nova Iorque: John Wiley & Sons, 1999.

MATHWORKS Matlab, version 6.15: The language of technical computing. [S.I.]: Mathworks Corporation, 2002. Conjunto de programas. 3 CD-ROMs.

MATSUYAMA, T.; HWANG, V. **Advances in computer vision and machine intelligence**. SIGMA: A knowledge-base aerial image understanding system. Nova Iorque: Plenum, 1990. ISBN: 030643301X.

MCKEOWN, D. M.; HARVEY, W. A.; MCDERMOTT, J. Rule Based interpretation of aerial imagery. **IEEE Transactions on Pattern Analysis and Machine Intelligence**, v. 7, n. 5, p. 570-585, 1985.

MENDEL, J. M. Fuzzy Logic Systems for Engineering: A tutorial. **Proceedings of the IEEE**, v.83, n.03, março de 1995. p.345-377. Disponível em: <http://sipi.usc.edu/~mendel/publications/FLS_Engr_Tutorial_Errata.pdf>

MINSKY, M., A Framework for Representing Knowledge: MIT-AI Laboratory Memo 306, junho de 1974. In: WINSTON, P. (Ed.), **The Psychology of Computer Vision**, p. 211-277. Nova Iorque: McGraw-Hill, 1975.

MOTA, G. L. A.; MÜLLER, S.; FEITOSA, R. Q.; COUTINHO, H.; MEIRELES, M.; VIEIRA, H. An Evaluation of Knowledge-Based Interpretation Applied to Low-Resolution Satellite Images. In: IEEE International Geoscience and Remote Sensing Symposium - IGARSS 2003, 2003, Toulouse, França.

Proceedings of IEEE International Geoscience and Remote Sensing Symposium - IGARSS 2003, Toulouse, France, 2003.

MÜLLER, S.; FEITOSA, R. Q.; MOTA, G. L. A.; COSTA, D.; SILVA, V. V.; TANISAKI, K. GEOAIDA Applied to SPOT Satellite Image Interpretation. In: 2nd Joint Workshop on Remote Sensing and Data Fusion over Urban Areas, Berlim, Alemanha, 22 e 23 de maio 2003. **Proceedings of URBAN 2003**. Alemanha: Technical University Berlin. França: Ecole des Mines de Paris. Não paginado.

NAVE, C. R. **Blue Sky and Rayleigh Scattering**, In: HyperPhysics web site. Disponível em: <<http://hyperphysics.phy-astr.gsu.edu/hbase/atmos/blusky.html>>, 2000, Universidade da Georgia, EUA. 2000a.

NAVE, C. R. **Raman Scattering**, In: HyperPhysics web site. Disponível em: <<http://hyperphysics.phy-astr.gsu.edu/hbase/atmos/raman.html#c1>>, 2000, Universidade da Georgia, EUA, 2000b.

NIEMANN, H.; SAGERER, G.; SCHRÖDER, S.; KUMMERT, F. ERNEST: A Semantic Network System for Pattern Understanding. **IEEE Transactions on Pattern Analysis and Machine Intelligence**, v. 12, n. 9, set 1990.

NOVO, E. M. L. M. **Sensoriamento remoto: princípios e aplicações**. São Paulo: Edgard Blücher, 1989. 308p.

OLIVEIRA, H. DE; SANO, E. E.; OLIVEIRA, F. D. A. DE; ADAMOLI, J. Análise da expansão da fronteira agrícola na bacia hidrográfica do Alto Rio Taquari utilizando sistema de informações geográficas. Dourados: Embrapa Agropecuária Oeste, 2000. 24 p. (Documentos, 19)

PAKZAD, K. **Wissensbasierte Interpretation von Vegetationsflächen aus multitemporalen Fernerkundungsdaten**. Hannover, Alemanha, 2001. Tese de Doutorado, Institut für Theoretische Nachrichtentechnik und Informationsverarbeitung -Universidade de Hannover.

PAKZAD, K.; MOTA, G. L. A.; MEIRELLES, M.; COUTINHO, H.; FEITOSA, R. Q. Automatic Interpretation of Vegetation Areas in Brazil. In: JOINT WORKSHOP OF ISPRS WORKING GROUPS I/2, I/5, IC WG II/IV AND THE EARSEL SPECIAL INTEREST GROUP 3D REMOTE SENSING “HIGH RESOLUTION MAPPING FROM SPACE 2002”, 2003. **Proceedings of the Joint Workshop of ISPRS Working Groups I/2, I/5, IC WG II/IV and the EARSeL Special Interest Group 3D Remote Sensing “High Resolution Mapping from Space 2002”**, Hannover, 2003.

PRIESE, L.; STURM, P. **Introduction to the Color Structure Code and its Implementation**, Março de 2004. Disponível em: <www.uni-koblenz.de/~lb/lb_downloads/download/csc.pdf>

QUILLIAN, M. R. Semantic Memory. In: MINSKY, M. (Ed.), **Semantic Information Processing**. Massachusetts: The MIT Press, Janeiro de 1969. 440p. ASIN: 0262130440

QUILLIAN, M. R. The techable language comprehender: A simulation program and theory of language. In: **Communications of the ACM**, v. 12, issue 8, p. 459-476. Nova Iorque: ACM Press 1969. ISSN: 0001-0782

RARES, A., REIDERS, M. J. T., HENDRIKS, E. A., Image Interpretation Systems. Delft: Delft University of Technology, **Mediated Communication in Collaborative Work and Services Project**, Telematica Instituut, Agosto de 1999, 30p. Relatório Técnico.

REES, W. G. **Physical Principles of Remote Sensing**. 2.ed. Cambridge: Cambridge University Press, 2001. 372p. ISBN 0521669480.

RICHARDS, J., JIA, X. **Remote Sensing Digital Image Analysis: An introduction**, 3.ed. Berlim: Springer-Verlag, 1999.

RODRIGUES, R. R.; LEITÃO FILHO, H. F. **Matas Ciliares – Conservação e Uso**. 1.ed. São Paulo: EDUSP, 2000. 320 p. ISBN 85-314-0567-X.

SABINS, F. F. **Remote Sensing: Laboratory Manual**. 3.ed., Kendall/Hunt Publishing Company, 1996. 485 p. ISBN 0-7872-2543-6.

SABINS, F. F. **Remote Sensing: Principals and Interpretation**. 3. ed. Nova Iorque: W. H. Freeman and Company, 1997. 494 p. ISBN 0716724421.

SAGERER, G.; KUMMERT, F.; SOCHER, G. Semantic models and object recognition in computer vision. In: INTERNATIONAL ARCHIEVES OF PHOTOGRAMMETRY AND REMOTE SENSING, 1996, Viena, Austria, **Proceedings of the International Archieves of Photogrammetry and Remote Sensing**, 1996. Viena, 1996, v. XXXI, parte B3, Commission 3, p.710-723.

SAGERER, G.; NIEMANN, H. Semantic Networks for Understanding Scenes: **Advances in Computer Vision and Machine Intelligence**. 1.ed. Nova Iorque: Plenum Publishing Corporation, 1997. 500p. ISBN: 0306457040.

SONKA, M., HLAVAC, V., BOYLE, R. **Image processing, analysis, and machine vision**. 2.ed. Pacific Grove: Brooks/Cole publishing company, 1999, 555p. ISBN 0-534-95393-X.

SOWA, John F.: **Knowledge Representation. Logical, Philosophical, and Computational Foundations**. 1 ed., Pacific Grove: Brooks Cole. 2000, 512 p. ISBN: 0534949657

SUZUKI, H.; MATSAKIS, P.; ANDRÉFOUËT, S.; DESACHY, J. Satellite Image Classification Using Expert Structural Knowledge: A Method Based on Fuzzy Partition Computation and Simulated Annealing. In: ANNUAL CONF. OF THE INT. ASSOCIATION FOR MATHEMATICAL GEOLOGY - IAMG 2001 , 2001, Cancun, México. **Proceedings (CDROM) of the Annual Conference of the International Association for Mathematical Geology - IAMG 2001**. International Association for Mathematical Geology, 2001. Não paginado.

SZEKIELDA, K.-H. **Satellite monitoring of the Earth**. Nova York: John Wiley & Sons Inc, 1989. 326 p. ISBN 0471613304.

TÖNJES, R.; GROWE, S. Knowledge Based Road Extraction from Multisensor Imagery. In: ISPRS COMMISSION III SYMPOSIUM ON OBJECT RECOGNITION AND SCENE CLASSIFICATION FROM MULTISPECTRAL AND MULTISENSOR PIXELS 1998, 1998, Columbus, Ohio, USA. **Proceedings of ISPRS Commission III Symposium on Object Recognition and Scene Classification from Multispectral and Multisensor Pixels**. International Society for Photogrammetry and Remote Sensing, 1998, pp. 387-393.

UNCED - United Nations Conference on Environment and Development, 3 a 14 de junho de 1992, Rio de Janeiro, Brasil. **Agenda 21 - the Rio Declaration on Environment and Development**. Rio de Janeiro: Organização das Nações Unidas, 1992.

UNCED - United Nations Conference on Environment and Development, 26 de agosto a 4 de setembro de 2002. Joanesburgo, África do Sul. **Report of the World Summit on Sustainable Development**. Joanesburgo: Organização das Nações Unidas, 2002.

UNIDERP - Atlas Geográfico Digital de Mato Grosso do Sul. Responsável: Jailton Dias. Desenvolvido pela Universidade para o Desenvolvimento do Estado e da Região do Pantanal em parceria com a Fundação Manoel de Barros-FMB. Apresenta dados sobre os municípios do estado do Mato Grosso do Sul. Disponível em: <<http://www2.uniderp.br/Atlas/alcinopolis.htm>>. Acesso em: 15 de setembro de 2004.

VELOSO, H. P.; RANGEL FILHO, A. L. T.; LIMA, J. C. A. **Classificação da Vegetação Brasileira, Adaptada a um Sistema Universal**. Rio de Janeiro: IBGE, 1991. 123p.

VERBYLA, D. **Satellite remote sensing of natural resources**. 1.ed., CRC Press, 1995. 220 p. ISBN 1566701074.

VINCENT, L.; SOILLE, P. Watersheds in digital spaces: an efficient algorithm based on immersion simulations. **IEEE Transactions on Pattern Analysis and Machine Intelligence**, v.13, p.583-598, jun. 1991.

WANG, A.; JOLLIFF, B.; HASKIN, L. Raman spectroscopic characterization of a Martian SNC meteorite: Zagami. **Journal of Geophysical Research**, v.104, p.8509-8519, 1999.

WOLF, P.R; DEWITT, B. A. **Elements of Photogrammetry with Applications in GIS**. 3.ed., Nova Iorque: McGraw-Hill, 2000. 624p. ISBN 0072924543.

WORD IQ.COM, Word Iq.com Dictionary, Disponível em: <<http://www.wordiq.com/dictionary>> Acesso em: 05 de maio de 2004.

YAN, G. **Pixel based and object oriented image analysis for coal fire research**. Enschede, Holanda, 2003. Dissertação de Mestrado ITC International Institute for Geo-Information Science and Earth Observation, Holanda.

ZADEH, L. A. Fuzzy Sets. **Journal of Information and Control**, v. 8, p. 338-353, 1965.

ZADEH, L. Fuzzy sets as a basis for a theory of possibility. **Fuzzy Sets and Systems**, v.1, p. 3-28, 1978.

ZHANG, Y. Detection of Urban Householding Development Using Multisensor Satellite Data **International Archives of Photogrammetry and Remote Sensing**, v. 32, n. 3/1, p. 292-299, 1998