

D. References Cited

- [Agle] International Business Machines, "IBM Aglets Software Development Kit - Home Page," <http://www.trl.ibm.com/aglets/>.
- [And98] Andersson, Arne and Fredrik Ygge, "Managing Large Scale Computational Markets", *Proceedings of the 31st Hawaii International Conference on System Sciences (HICSS'98)*, IEEE Computer Society, 1998.
- [ATP] IBM, "Agent Transfer Protocol ATP/0", <http://www.trl.ibm.com/aglets/atp/atp.htm>.
- [Base] "Base One's peer-to-peer, Rich Client Architecture," <http://www.boic.com/bisrichc.htm>.
- [Beow] "The Beowulf Project", <http://www.beowulf.org>.
- [Cond] The Condor homepage, <http://www.cs.wisc.edu/condor>.
- [CORB] Sun Microsystems, "CORBA and Java™ technologies," <http://java.sun.com/j2ee/corba>.
- [CPM] "The Compute Power Market (CPM) Project," <http://www.compute-power.com>.
- [Dist] The Distributed.net homepage, <http://www.distributed.net>.
- [Dre88] Drexler, K. E. and Mark S. Miller, "Incentive Engineering: for Computational Resource Management", from *The Ecology of Computation*, Bernardo Huberman (ed.) Elsevier Science Publishers, North-Holland, 1988.
- [EcoG] "Economy Grid (EcoGrid) Project", <http://www.csse.monash.edu.au/~raj कुमार/ecogrid/>.
- [FLBC] "FLBC (Formal Language for Business Communication) - and KQML", <http://www.oasis-open.org/cover/flbc.html>.
- [Glob] "The Globus Project," <http://www.globus.org>.
- [Gnut] "Gnutella: Welcome to Gnutella," <http://gnutella.wego.com>.
- [GP99] C. Gonzalez and J. Peters. Localized hierarchy surface splines. In S.N. Spencer, J. Rossignac, eds., *ACM Symposium on Interactive 3D Graphics*, 1999.
- [GriP] "GriPhyN -- Grid Physics Network," <http://www.griphyn.org>.
- [Hay98] Hayes, Brian, "Collective Wisdom", *American Scientist*, vol. 86, no. 2, March-April, 1998, pp. 118-122.
- [J2EE] Sun Microsystems, "Java™ 2 Platform, Enterprise Edition," <http://java.sun.com/j2ee>.
- [Java] Sun Microsystems, "Java™ SE Platform Documentation," <http://java.sun.com/docs>.
- [JKQML] International Business Machines, "JKQML: another alphaWorks technology", <http://www.alphaworks.ibm.com/tech/JKQML>.
- [Legi] The LEGION homepage, <http://www.cs.virginia.edu/~legion>.
- [Mar00] Martin, Didier, et al, *Professional XML*, Wrox Press, Birmingham, UK, 2000.
- [Mic00] Micali, Silvio, "Computationally Sound Proofs," *SIAM Journal on Computing*, 30(4):1243-1298, 2000.
- [Mil88] Miller, Mark S. and K. E. Drexler, "Markets and Computation: Agoric Open Systems", from *The Ecology of Computation*, Bernardo Huberman (ed.) Elsevier Science Publishers, North-Holland, 1988.
- [MPI] "MPI – The Message Passing Interface Standard," <http://www-unix.mcs.anl.gov/mpi/>.

- [NPL99] D. Nairn, J. Peters, and D. Lutterkort. Sharp, quantitative bounds on the distance between a polynomial piece and its Bézier control polygon. *Computer-Aided Geometric Design*, **16**(7):613-633, Aug. 1999.
- [NYI92] The New York Institute of Finance, *Guide to Investing*, New York Institute of Finance, New York, 1992.
- [Obr01] W. O'Brien and J. Hammer, "Robust mediation of construction supply chain information," to appear in Proceedings of the ASCE Specialty Conference on Fully Integrated and Automated Project Processes (FIAPP) in Civil Engineering, Blacksburg, VA, September 2001.
- [OCEA] The OCEAN homepage, <http://www.cise.ufl.edu/research/ocean>.
- [OcSt] "OceanStore," <http://oceanstore.cs.bekeley.edu/>.
- [Par00] Kihong Park, Meera Sitharam, Shaogang Chen, "Quality of service provision in noncooperative networks with diverse user requirements," *Decision Support Systems, Special Issue on Information and Computation Economies*, **28**:101-122, 2000.
- [Par98] Kihong Park, Meera Sitharam, Shaogang Chen, "Quality of Service Provision in Noncooperative Networks: Heterogeneous Preferences, Multi-Dimensional QoS Vectors, and Burstiness," Proceedings of the International Conference on Information and Computation Economies (ICE), Oct. 1998.
- [Par97] K. Park, M. Sitharam, S. Chen, "Quality of service provision in noncooperative network environments," Purdue University Technical Report, Aug. 1997.
- [Para] "Parabon Computation, Inc. - Internet Computing is Computing Outside the Box," <http://www.parabon.com>.
- [Pat99] Patrizio, Andy. "Discover Distributed Computing", *Byte.com*, Sep 1, 1999.
- [Payp] The Paypal homepage, <http://www.paypal.com>.
- [Pet95b] J. Peters. C^1 -surface splines. *SIAM Journal on Numerical Analysis*, **32**(2):645-666, 1995.
- [Pet98a] J. Peters. Algorithm 783: Pcp2Nurb—smooth free-form surfacing with linearly-trimmed bicubic B-splines. *ACM Transactions on Mathematical Software*, **24**:261-267, 1998.
- [Pet00] J. Peters. Patching Catmull-Clark meshes. In Kurt Akeley, editor, *Siggraph 2000, Computer Graphics Proceedings*, Annual Conference Series, pages 255-258. ACM Press / ACM SIGGRAPH / Addison Wesley Longman, 2000.
- [Pet01] J. Peters. Smooth patching of refined triangulations. *ACM Transactions on Graphics*, 2001. In press.
- [POPC] The POPCORN homepage, <http://www.cs.huji.ac.il/~popcorn>.
- [Popu] The Popular Power homepage, <http://www.popularpower.com>.
- [PR98a] J. Peters and U. Reif. The 42 equivalence classes of quadratic surfaces in affine n -space. *Computer-Aided Geometric Design*, **15**:459-473, 1998.
- [PR98b] J. Peters and U. Reif. Analysis of generalized B-spline subdivision algorithms. *SIAM Journal on Numerical Analysis*, **35**(2):728-748, April 1998.
- [Proc] The ProcessTree Network homepage, <http://www.processtree.com>
- [PU00] J. Peters and G. Umlauf. Gaussian and mean curvature of subdivision surfaces. In R. Cipolla and R. Martin, editors, *The Mathematics of Surfaces IX*, pages 59-69. Springer, 2000.
- [PVM] Oak Ridge National Laboratories, "PVM: Parallel Virtual Machine," http://www.epm.ornl.gov/pvm/pvm_home.html.
- [PW97b] J. Peters and M. Wittman. Box-spline based CSG blends. In W. Bronsvort, C. Hoffmann, eds., *Proceedings of Fourth Symposium on Solid Modeling*, pages 195-206. ACM Siggraph, May 1997.

- [Reg98] Regev, Ori and Noam Nisan, "The POPCORN Market—an Online Market for Computational Resources", *ICE '98, Proceedings of the first International Conference on Information and Computation Economics*, October 25-28, Charleston, SC, USA.
- [Rhe00] Rheingold, Howard, "You Got the Power", *Wired Magazine*, archive 8.08, August 2000.
- [Rit01] Ritter, G.X. and J.N. Wilson. *Handbook of Computer Vision Algorithms in Image Algebra*, Second Edition, CRC Press (2001).
- [RSAF] "Welcome to the RSA Factoring-By-Web Project!", <http://www.npac.syr.edu/factoring>.
- [Sch01] Schmalz, M.S., Y.S. Natour, C.M. Sapienza, and G.X. Ritter. "Accuracy of Laryngeal Measurements from Digital Endoscopic Imagery. 2. Effects of Compression", Accepted for publication in Proceedings of the SCI 2001 Conference, Orlando, FL (2001).
- [Sch00] Schmalz, M.S., G.X. Ritter, and F.M. Caimi. "Space, time, error, and power optimization of image compression transforms", *Proceedings SPIE 4122:176-189* (2000).
- [Sch97] Schmalz, M.S. "Automated analysis and prediction of accuracy and performance in ATR algorithms", *Proceedings SPIE 3079:249-272* (1997).
- [SETI] The SETI@home homepage, <http://setiathome.ssl.berkeley.edu>.
- [SOAP] World-Wide Web Consortium, "Simple Object Access Protocol (SOAP) 1.1", <http://www.w3.org/TR/SOAP>.
- [Sho82] Shoch, John F. and Jon A. Hupp, "The 'Worm' Programs—Early Experience with a Distributed Computation", *Communications of the ACM*, vol. 25 no. 3, March 1982, pp. 172-180.
- [SunG] Sun Microsystems, "Welcome to Gridware Software," <http://www.sun.com/software/gridware/>.
- [Sut68] Sutherland, I. E. "A Futures Market in Computer Time", *Communications of the ACM*, vol. 11 no. 6, June 1968, pp. 449-451.
- [Tob00] Tobias, Mark J. and Michael P. Frank, "The OCEAN Computational Market and its Standardized XML Documents," submitted to CCGRID '01, 2000, http://www.cise.ufl.edu/~mjtobias/research/ocean_qut.pdf.
- [Uber] "Ubero Distributed Computing Solutions," <http://www.ubero.net/home.asp>.
- [UDDI] "Universal Description, Discovery and Integration: About," <http://www.uddi.org/about.html>.
- [UMMP] UMMP Program, "Welcome to the University Minority Mentor Program," <http://www.aa.ufl.edu/aa/affact/ummp/>.
- [Van97] Vanhelsuwe, Laurence, "Create Your Own Supercomputer With Java", *JavaWorld*, January 1997.
- [Wal92] Waldspurger, Carl A., et al, "Spawn: A Distributed Computational Economy", *IEEE Transactions on Software Engineering*, vol. 18, no. 2, Feb 1992, pp. 103-117.
- [WSDL] World-Wide Web Consortium, "Web Services Description Language (WSDL) 1.1", <http://www.w3.org/TR/wsdl>.
- [Smi01] Smith, Rod, Donald Ferguson, and Sanjiva Weerawarana, "Web Services Architecture Directions," presentation at http://www.w3.org/2001/04/wsws-proceedings/rod_smith/rod.pdf.
- [XML] World-Wide Web Consortium, "Extensible Markup Language (XML)," <http://www.w3.org/XML/>.
- [Xtre] "Xtrem Web," <http://www.lri.fr/~fedak/XtremWeb/introduction.php3>.