

OLEG GOLDSHMIDT

LIST OF PUBLICATIONS

1. Aridor Y., Domany T., Goldshmidt O., Kliteynik Y., Moreira J. E., Shmueli E. **Multi-Toroidal Interconnects For Tightly Coupled Supercomputers.** *In: IEEE Transactions on Parallel and Distributed Systems*, v. 19, no. 1, pp. 52–65, 2008.
2. Goldshmidt O., Rochwerger B., Glikson A., Shapira I., Domany T. **Encompass: Managing Functionality.** *In: Proc. 21st IEEE International Parallel and Distributed Processing Symposium*, Long Beach, CA, 2007.
3. Ben-Yehuda M., Goldshmidt O., Kolodner E. K., Machulsky Z., Makhervaks V., Satran J., Segal M., Shalev L., Shimony I. **IP Only Server.** *In: Proc. USENIX Systems Practice and Experience Track*, pp. 381–386. Boston, MA, 2006.
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5. Goldshmidt O. **Look, Ma, No BIOS! A Hands-Off Introduction to LinuxBIOS.** *In: LinuxBIOS Documentation Suite*, <http://linuxbios.org/index.php/Documentation>, 2006.
6. Aridor Y., Domany T., Goldshmidt O., Kliteynik Y., Moreira J. E., Shmueli E. **Multi-Toroidal Interconnects: Using Additional Communication Links to Improve Utilization of Parallel Computers.** *In: Feitelson, D., Rudolph, L., Schwiegelshohn, U. (eds), “Job Scheduling Strategies for Parallel Processing”, Lecture Notes in Computer Science*, v. 3277, pp. 144–159, Springer (Berlin, Heidelberg), 2005.
7. Aridor Y., Domany T., Goldshmidt O., Moreira J. E., Shmueli E. **Resource Allocation and Utilization in the Blue Gene/L Supercomputer.** *IBM Journal of Research and Development*, v. 49, No. 2/3, p. 425, 2005.
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9. Aridor, Y. et al. **Multi-Toroidal Interconnects: Using Additional Communication Links to Improve Utilization of Parallel Computers.** *In: “10th Workshop on Job Scheduling Strategies for Parallel Processing,”* New York, NY, 2004.
10. Almasi, G. et al. **System Management in the Blue Gene/L Supercomputer.** *In: “Third Workshop on Massively Parallel Processing,”* Nice, France, 2003.
11. Goldshmidt O. **Basket Case No More.** *Bloomberg Magazine*, v. 9, No. 3, p. 105, 2000.

12. Goldshmidt O. **Getting Comfortable With Exotics.** Bloomberg Magazine, v. 8, No. 3, p. 74, 1999.
13. Berger E., Goldshmidt O., Goldwirth-Piran D. **Modeling Asian Options.** Bloomberg Report (available on the Bloomberg), 1998.
14. Goldshmidt O. **Spread Option Valuation Spreads Further Than You Think.** Bloomberg Magazine, v. 6, No. 3, p. 48, 1997.
15. Goldshmidt O., Rephaeli Y. **Compton X-ray Emission from NGC253.** The Astrophysical Journal, v. 444, p. 113, 1995.
16. Goldshmidt O. **Origin of High-Energy X-Ray Emission from NGC253.** In: "Currents in High-Energy Astrophysics", p. 39, M. M. Shapiro, R. Silverberg, & J. P. Wefel, eds., Kluwer Academic Publishers: Dordrecht, 1995.
17. Goldshmidt O., Sternberg A. **Time Dependent Fluorescent H₂ Emission.** The Astrophysical Journal, v. 439, p. 256, 1995.
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19. Erukhimov L. M., Goldshmidt O. **On Thermomagnetic Instability in Ionospheric Heating Experiments.** Radiofizika, v. 37, No. 5, 1994 (in Russian, translated into English).
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LIST OF PATENTS AND PATENT APPLICATIONS

1. Aridor. Y., Glikson A., Goldshmidt. O., Rochwerger B. **Installation of a bootable image for modifying the operational environment of a computing system.** Patent US8302091 B2, Oct 30, 2012 (priority date Jun 5, 2006).
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4. Ben-Yehuda S., Desai D., Goldshmidt O., Krieger O., Machulsky Z., Makhervaks V., Satran J., Shalev L., Shimony I. **Remote I/O for virtualized systems.** Patent Application US20070038996 A1, Feb 15, 2007 (priority date Aug 9, 2005).
5. Goldshmidt O., Benech M. **System and Method for Automatic Generation of Malware Detection Traps.** Patent US11681804 B2, June 20, 2023 (priority date Dec 30, 2020).