

SIGNIFICANT PUBLICATIONS

Volumes

Simeonov, P. L., Gare, A., Matsuno, K., A.U. Igamberdiev (Eds.) 2017. *The Necessary Conjunction of the Western and Eastern Thought Traditions for Exploring the Nature of Mind and Life. Focused Theme Issue on Integral Biomathics J. Progress in Biophysics and Molecular Biology*. Vol. 131. Elsevier. ISSN: 0079-6107. (in press). <http://www.journals.elsevier.com/progress-in-biophysics-and-molecular-biology/call-for-papers/call-for-papers-2017-jpbmb-special-issue-on-integral-biomath>.

Simeonov, P. L., Gare, A., Rosen, S.M. (Eds.) 2015. *Life Sciences, Mathematics, and Phenomenological Philosophy. Special Theme Issue on Integral Biomathics J. Progress in Biophysics and Molecular Biology*. Vol. 119, Issue 2. Elsevier. ISSN: 0079-6107. <http://www.sciencedirect.com/science/journal/00796107/119/3>.

Simeonov, P. L., Matsuno, K., Root-Bernstein, R. S. (Eds.) 2013. *Can Biology Create a Profoundly New Mathematics and Computation?* Special Theme Issue on Integral Biomathics. *Journal Progress of Biophysics and Molecular Biology*. Vol. 113, Issue 1 (September 2013). Elsevier. ISSN: 0079-6107. <http://www.sciencedirect.com/science/journal/00796107/113/1>.

Simeonov, P. L., Smith, L., S., Ehresmann, A. C. (Eds.), 2012. *Integral Biomathics: Tracing the Road to Reality*, Proceedings of iBioMath 2011, Paris and ACIB '11, Stirling UK. Springer-Verlag, Heidelberg. ISBN-10: 3642281109; ISBN-13: 978-3642281105. OCLC WorldCat Number: 800365119. <http://www.springer.com/de/book/9783642281105>.

Simeonov, P. L., *The Wandering Logic Intelligence, A Hyperactive Approach to Network Evolution and Its Application to Adaptive Mobile Multimedia Communications*, Technische Universität Ilmenau, Fakultät für Informatik und Automatisierung, <http://d-nb.info/967210704>. OCLC WorldCat Number: 76757065.

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Simeonov, P. L., Ehresmann, A. C., 2012. WLIMES: Towards a Theoretical Framework for Wandering Logic Intelligence Memory Evolutive Systems. In: **Integral Biomathics: Tracing the Road to Reality**, Proceedings of iBioMath 2011, Paris and ACIB '11, Stirling UK, P. L. Simeonov, L. S. Smith, A. C. Ehresmann (Eds.), Springer-Verlag, ISBN-10: 3642281109; ISBN-13: 978-3642281105.

Simeonov, P. L., Brezina, E., Cottam, Ehresmann, A. C., Gare, A., Goranson, T., Gomez-Ramirez, J., Josephson, B. D., Marchal, B., Matsuno, K., Root-Bernstein, R. S., Rössler, O. E., Salthe, Schroeder, M., S. N., Seaman, Siregar, P., B., Smith, L. S. 2012. *Stepping Beyond the Newtonian Paradigm in Biology. Towards an Integrable Computational Model of Life: Accelerating Discovery in the Biological Foundations of Science*. INBIOSA White Paper. In: **Integral Biomathics: Tracing the Road to Reality**, Proc. of iBioMath 2011, Paris and ACIB '11, Stirling UK, P. L. Simeonov, L. S. Smith, A. C. Ehresmann (Eds.), Springer-Verlag, Heidelberg, ISBN-10: 3642281109; ISBN-13: 978-3642281105. [http://www.cs.stir.ac.uk/~lss/recentpapers/INBIOSAWhitePaper\(BookVersion\).pdf](http://www.cs.stir.ac.uk/~lss/recentpapers/INBIOSAWhitePaper(BookVersion).pdf).

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Simeonov, P. L. 2019. *Yet another time about time. Part II: An essay on the phenomenology of biological time*. **J. Progress in Biophysics and Molecular Biology**. vol. XXX, issue Y. Special Theme Issue on Integral Biomathics. Elsevier. ISSN: 0079-6107. DOI: 10.1016/j.pbiomolbio.2015.08.015. (work in progress)

Simeonov, P.L., Gare, A., Matsuno, K., Igamberdiev, A. U., Noble, D. 2017. The Western and Eastern Thought Traditions for Exploring the Nature of Mind and Life: Editorial. **J. Progress in Biophysics and Molecular Biology**. *Focused Issue on Integral Biomathics: The Necessary Conjunction of the Western and Eastern Thought Traditions for Exploring the Nature of Mind and Life*. Vol. 131C. 1-11. Elsevier. ISSN: 00796107. <https://doi.org/10.1016/j.pbiomolbio.2017.10.007>. <https://www.ncbi.nlm.nih.gov/pubmed/29097139>. <https://philpapers.org/archive/SIMESI-2.pdf>.

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