

Nature of Life

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Published by Marsland Press

New York, East Lansing, Toronto

January 1, 2006

US\$80.00

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ISBN: 1-59964-001-5

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Abstract: Life is a physical and chemical process. From ontology aspect, the world is timeless and the life exists forever as any other body in the nature. The nature of life is that life is a process of negative entropy, evolution, autopoiesis (auto-organizing), adaptation, emergence and living hierarchy. Up to now, there is no scientific evidence to show that life body and non-life body obey the same natural laws. But, all the researches are made by the methods of biology, biochemistry and molecular biology, etc. It is very possible that the life and non-life are essential different in the biophysics, i.e. the quantum level. In the future, it is possible to make artificial life by either biological method or electronic technique.

Keywords: entropy; evolution; existence; life; nature

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ISBN 1-59964-001-5



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