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THE PROBLEM OF CAUSALITY IN THE BIOGENESIS RESEARCH:  
TOWARDS A QUANTUM LOGIC OF LIFE

Summary

The problem of causality is presented in the context of the research devoted to biogenesis. The significant works concerning the philosophy of biogenesis and scientific theories of abiogenesis have been reviewed. Special attention is paid to: (i) the role of the non-equilibrium thermodynamics and quantum mechanics in the explaining of causal relations involved the origins of life, (ii) the need of constructing of a quantum logic of life. It is suggested that the causal connection is established by an information channel between a cause and its result.

*Summarised by Marian Wnuk*

**Słowa kluczowe:** przyczynowość, biogeneza, biosystemy kwantowe, logiki nieklasyczne.

**Key words:** causality, biogenesis, quantum biosystems, non-classical logics.

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