Origin of living matter by a new model of consciousness

Paolo Di Sia¹⁻³, Narayan Kumar Bhadra^{4,5}

¹University of Padova, School of Science and Dept. of Neuroscience, Via Jappelli 1,
I-35121 Padova, Italy

²Free University of Bozen-Bolzano, Faculty of Science and Technology, Piazza Università 5,
I-39100 Bozen-Bolzano, Italy

³E-mail: paolo.disia@gmail.com (corresponding author)

⁴Lakshmipur Swamiji Seva Sangh High School Lakhmipur, Gobardanga, 24 Parganas (N),
West Bengal, India

⁵E-mail: narayan102010@gmail.com

Abstract: In this paper we consider the creation of living matter by a new appeared model of consciousness, connected to the theories of unification of contemporary physics. In particular we deal with energies of subgroups of SU(11) as superset of $SU(5) \times SU(6) \times U(1)$. This is important in view of the potential importance of quantum effects in biology and in consciousness, where not only systems of known particles are considered, but we hypothesize new ones deriving by SU(6) and the important effect of entanglement.

We consider the human brain and its mental aspects as associated with classical brain physiology and also part of a quantum physical universe. We think that quantum mechanics can be relevant for explaining life and consciousness, beyond the basic structure and interaction of matter atoms formed by the energy group SU(5). For explaining biological system we need to go beyond the present standard model of physics, i.e. starting by the energy group SU(11) instead of SU(5), considering new unknown particles, tightly binding from the forces created by bosons of the latent energy group SU(6).

The paper deals also with interesting information related to chemistry and quantum biology, as well as models related to life and brain working mechanisms.

Keywords: Consciousness, Brain, Biology, Chemistry, Living matter, Contemporary physics, Modelling, Group theory.

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