

In a Search for a Structure

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Abstract

When you read a textbook on molecular/cellular biology you your are enchanted by the logical beauty of biological structures, you want to share you excitement with your colleagues, but... you find out you are unable to do it: there is no language in the 21st century mathematics that can express this beauty. You feel there must be a new world of mathematical structures shadowing what we see in Life, a new language we do not know yet, something in the spirit the “language” of calculus we use when describing physical systems.

I shall indicate in this talk some directions where one may look for these mathematical structures.

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