

Computable Loop Quantum Gravity

Saturday, 26 September 2020 18:15 (15 minutes)

The full theory of LQG presents enormous challenge to create physical computable models. In this talk we will present the new modern version of Quantum Reduced Loop Gravity (QRLG). We will show that this framework provide an arena to study the full LQG in a certain limit, where the quantum computations are possible. We will analyze all the major step necessary to build this framework, how is connected with the full theory, its matematical consistency and the physical intuition behind It.

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