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Multiple polylogarithms and the Steinberg module I

Wednesday 11 June 2025 09:00 (50 minutes)

In this minicourse I will explain a surprising connection between multiple polylogarithms and the Steinberg module. In the first lecture I will outline Goncharov's programme relating multiple polylogarithms and algebraic K-theory of a field, describe the Hopf algebra structure for multiple polylogarithms and the basic properties of its different families of generators (multiple polylogarithms, iterated integrals, and correlators).

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