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Johannes Brödel - Numbers on elliptic curves

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In analogy to multiple zeta values, which appear as special values of polylogarithms one can define so-called elliptic multiple zeta values. In this lecture, the basic notions about multiple zeta values will be discussed before moving on to elliptic multiple zeta values, which appear as special values of elliptic polylogarithms. When discussing algebraic properties of those objects, a link will be made to their single-valued analogues: single-valued multiple zeta values and modular graph functions.

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