

Exposé court

130 *An expression for multiple L -functions in terms of the confluent hypergeometric function*

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This is the topic of my talk; The multiple zeta functions are generalizations of the Riemann zeta function and have expressions in terms of confluent hypergeometric functions. These yield the functional equation for the multiple zeta functions. In this talk, we report the extension of the result to multiple L -functions. Furthermore, from the degree of the Selberg class, which is a fundamental family of L -functions, we consider the condition for multiple L -functions with expressions in terms of the confluent hypergeometric function.