

Functional relations for various multiple zeta-functions

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Most parts of my talk are joint works with Kohji Matsumoto. For this decade, a lot of relation formulas for various multiple zeta-values at positive integers were discovered by various methods. From analytic point of view, we would like to think whether these relations are valid only at integer points, or valid also at other values. In this talk, we introduce certain functional relations for various multiple zeta-functions. These functional relations at integer arguments give not only the known relations but also new relations for various multiple zeta-values.