

# Singlet and non-singlet three-loop massive form factors

*Friday, 19 August 2022 20:45 (25 minutes)*

I will present our recent calculation of the singlet and non-singlet contributions to the massive form factors at three-loop order. The calculation is based on our powerful method to compute one-scale master integrals using differential equations combined with numerical matching. The latter is achieved with the help of deep expansions around regular and singular kinematic points. The resulting form factors have a wide range of phenomenological applications since they enter as building blocks in numerous processes.

## Category

talk

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