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Finite counterterms in chiral gauge theories

Thursday, 15 September 2022 16:00 (45 minutes)

We discuss the finite one-loop counterterm required to restore the Ward Identities broken by the regularization scheme in chiral gauge theories. As a concrete application, we work out the finite counterterm in the Standard Model, within dimensional regularization and the Breitenlohner-Maison-'t Hooft-Veltman prescription for the γ_5 matrix.

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