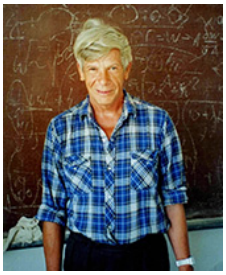

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CBK-relation and {\beta}-expansion in the V-scheme

Tuesday, 11 October 2022 15:20 (25 minutes)

We study the possibility of the existence of the QCD CBK relation and its multiple-beta function representation in the gauge-invariant static potential motivated effective V-scheme at the four-loop level. This representation provides
interesting relations between definite terms of {\beta}-expanded coefficients
of Static potential, Adler D-function and Bjorken polarized sum rule.
The corresponding terms of the studied {\beta}-expansion are fixed. Possible further applications are commented.

Primary author: KATAEV, Andrei (Institute for Nuclear Research of RAS)

Co-author: Dr MOLOKOEDOV, Victor (INR RAS and MIPT)

Presenter: KATAEV, Andrei (Institute for Nuclear Research of RAS)

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