XXXIV International (ONLINE) Workshop on High Energy Physics "From Quarks to Galaxies: Elucidating Dark Sides"

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Fractional Analytic QCD for space-like and time-like processes

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A review of the main elements of (fractional) analytical QCD is presented. The main part of the review is focused on the introduction of the Shirkov-Solovtsov and Bakulev-Mikhailov-Stefanis approaches and their recent extension beyond the leading order of perturbation theory. We present various representations in Euclidean and Minkowski spaces, details of their construction and show their applicability.

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Track Classification : QCD and related topics