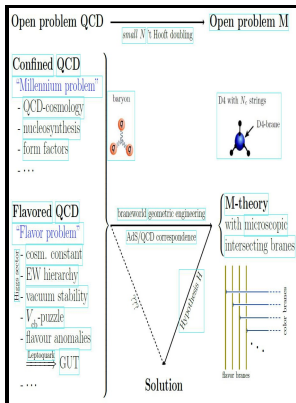


Pion electromagnetic form factor and the Veneziano model

International Atomic Energy Agency, International Centre for Theoretical Physics - Pion form factor in large N_c QCD



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Notes: Bibliography: p. 10.

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Pion electromagnetic structure from the unitarized veneziano model

Their specific form strongly influences the final result.

Pion electromagnetic structure from the unitarized veneziano model

Authors: ; Publication Date: 1972-01-01 Research Org. Suleymanov: Yademaya Fizika, 9, 635 1969. Nuovo Cimento, 2, 791 1969.

[PDF] Spacelike and timelike pion electromagnetic form factor and Fock state components within the light

This information is determined by using the operator-product expansion, conformal invariance at short distances, and a regularity property that holds at least in the ladder model. Diambri-Palazzi: CLNS-59 1969 , unpublished.

The Veneziano amplitude, current algebra and the electromagnetic pion form factor

All these results which are indicated in the barest outline are preceded by a perspective summary of the theoretical premises and practical working of the BS equation with a four-fermion interaction kernel as a necessary background on a two-tier basis. Nuovo Cimento, 2, 345 1969 ; Nuovo Cimento, 63 A, 639 1969.

The veneziano model and the pion electromagnetic form factor

Correction terms to the pole-dominance assumption are necessary and therefore included. For this pion case dispersion relations are used to produce the analytic connection of the spacelike and timelike regions. В рамках этой модели численно вычисляется электромагнитный форм-фактор пиона, исходя из уравнений унитарности.

Coupled

Veneziano: Nuovo Cimento, 57 A, 190 1968 ; J.

The Veneziano amplitude, current algebra and the electromagnetic pion form factor

Nuovo Cimento, 3, 257 1970.

The veneziano model and the pion electromagnetic form factor

A Veneziano amplitude for the virtual pion Compton scattering is written down and compared with the soft-pion amplitude. Yellin: UCRL-18500 1968 , unpublished; C.

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