

DESCRIPTION OF MESONS AND NUCLEONS IN EFFECTIVE MODELS OF QUANTUM FIELD THEORY ON THE LIGHT FRONT

Hadron models based on effective Hamiltonians of quantum field theory on the light front are considered. The states of mesons and nucleons are modeled as quark-antiquark and 3-quark bound states, respectively. These models can be used for comparison with experimental data for electro-magnetic form factors of mesons and nucleons.

The speaker is a student or young scientist

Yes

Section

1. Nuclear structure: theory and experiment

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