

XXVI International Workshop on Deep Inelastic Scattering and Related Subjects



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Orbital angular momentum distributions at small-x

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We study the orbital angular momentum (OAM) of quarks and gluons in the nucleon in the small-x region. We argue, in two different ways, that the gluon OAM significantly cancels the gluon helicity distribution at small-x. A similar cancellation occurs also in the quark sector.

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