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Sea quark Sivers function

In this talk, I will argue that sea quark Sivers function can be dynamically generated through spin dependent odderon. Due to the C-odd nature of odderon, the derived quark Sivers function and anti-quark Sivers function at small x are the same in size, but differ by a minus sign. We further show that sea quark Sivers function computed in CGC is reduced to that obtained in collinear twist-3 approach in the dilute limit. The experimental probe of sea quark Sivers function will also be discussed.

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