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# Transverse momentum distributions in spin-1 diquark model

In the present work, we have studied the transverse momentum distributions (TMDs) in spin-one diquark model. We have used the overlap representation of light-front wave functions (LFWFs) where the spin-1/2 relativistic composite system consists of spin-1/2 fermion and spin-1 vector boson. The results have been obtained for T-even TMDs ( h_{1} and h_{1T}^{perp} ) in transverse momentum plane for fixed value of longitudinal momentum fraction $x$.

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