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[Cancelled] Spin-spin correlations of quarks in light-front quark-diquark model

We investigate the spin-spin correlations of longitudinally-polarized quark in a longitudinally-polarized proton $\rho_{\Lambda\lambda}$, transversely-polarized quark in transversely-polarized proton $\rho_{\Lambda_T\lambda_T}^i$, transversely-polarized quark in longitudinally-polarized proton $\rho_{\Lambda\lambda_T}^i$ and longitudinally-polarized quark in transversely-polarized proton $\rho_{\Lambda_T\lambda}^i$ in light-front quark-diquark model. We study the correlations by considering the axial-vector diquark.

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