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## Proton momentum and angular momentum decomposition with overlap fermions

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We present a calculation of the proton momentum and angular momentum decomposition using overlap fermions on a 2+1-flavor RBC/UKQCD domain-wall configuration at around 171 MeV which is close to the physical pion mass. A complete determination of the momentum and angular momentum fractions carried by up, down, strange and glue inside proton has been done with valence pion masses varying from 171 to 391 MeV. We have utilized FFT on stochastic sandwith method for connected-insertion parts and the cluster-decomposition error reduction (CDER) technique for disconnected-insertion parts to reduce errors. We carried out the nonperturbative renormalization and mixing for all quantities and final results are reported at the physical pion mass with  $\overline{MS}(\mu = 2 \text{ GeV})$ .

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