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## HERMES results on TMDs and GPDs

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The HERMES experiment collected from 1995 to 2007 a wealth of deep-inelastic scattering data using 27.6 GeV longitudinally polarized electrons and positrons and various unpolarized as well as longitudinally and transversely polarized gas targets. This allowed for a series of diverse measurements. Among them are measurements that provide information on the three-dimensional structure of the nucleon both in momentum space and in mixed momentum and position space. Results from HERMES on semi-inclusive deep-inelastic scattering, providing access to the three-dimensional quark distributions in momentum space, as well as on hard exclusive processes, sensitive to generalized parton distributions and thus to the three-dimensional nucleon structure in mixed momentum and position space, are presented and discussed.

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