

GPDs at HERA and perspectives at COMPASS

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Standard parton distribution functions contain neither information on the correlations between partons nor on their transverse motion, then a vital knowledge about the three dimensional structure of the nucleon is lost. Hard exclusive processes, in particular DVCS, are essential reactions to go beyond this standard picture. In the following, we examine the most recent data in this context and we focus on the small and intermediate x domain from HERA. Then, we discuss some perspectives accessible in a future program at COMPASS.

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