

Service de Physique Nucléaire



Séminaire

le vendredi 30 septembre 2011 à 11h

CEA Saclay, Orme des Merisiers, Bât. 703, Salle 135

What did we learn about generalized parton distributions from hard exclusive meson electroproduction ?

Peter Kroll

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After a brief introduction to the physics of handbag factorization for hard exclusive reactions the analysis of meson electroproduction within the so-called handbag approach is reviewed. The main part of the talk is focussed on the discussion of the generalized parton distributions, the hadronic matrix elements which embody the soft physics. Current parameterizations of these matrix elements, their extraction from experiment as well as their main features are discussed. A summary of the present knowledge of the generalized parton distribution as extracted from exclusive meson electroproduction is given and consequences for other reactions as for instance deeply virtual Compton scattering, drawn.

Le café sera servi 10 minutes avant

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