

Abstract Submitted
for the HAW05 Meeting of
The American Physical Society

Generalized Power Counting Rule FENG YUAN, Brookhaven National Laboratory — In this talk, I will present a generalized power counting rule for the hard exclusive processes involving parton orbital angular momentum and hadron helicity flip. We introduce a systematic way to write down the Fock components of a hadronic light-cone wave function with n partons and orbital angular momentum projection l_z , from which we derive the generalized counting rule. As an example, I will show the power counting result for the nucleon's Pauli form factor $F_2(Q^2)$ in perturbative QCD.

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Date submitted: 09 Jun 2005

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