

Role of T-Odd Functions in High Energy Hadronic Collisions

E. Di Salvo

(Universita di Genova – Dipartimento di Fisica)

The possibility of singling out T-odd effects, like the Collins effect and the Sivers effect, is investigated. To this end, various weight functions are proposed, to be applied to polarized Drell-Yan and to inclusive pion production from polarized proton-proton collisions. A prediction about the behavior of T-odd functions versus energy is made and tests for verifying this prediction are proposed. It is also suggested to exploit such effects for determining the transversity function in an alternative way.