A database on fragmentation functions

Rainer Jakob[1] and Marco Radici[2]

1. Fachbereich Physik, Universität Wuppertal, D-42097 Wuppertal, Germany

2. Dipartimento di Fisica Nucleare e Teorica, Università di Pavia, and
Istituto Nazionale di Fisica Nucleare, Sezione di Pavia, I-27100 Pavia, Italy

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We present a proposal for an up-date of an existing database on fragmentation functions (FF).

The database was started in 1996 as a project of the European TMR network "Hadronic Physics with High Energy Electromagnetic Probes' (HaPHEEP), and now is part of the working program of the TMR network "Electron Scattering off confined Partons" (ESOP). In it's present form the emphasis of the project is on the collection of relevant references around the topic, and contains some information on available parametrizations of fragmentation functions.

In recent years, there has been much activities about fragmentation functions. There are three NLO analyses of global data sets with the corresponding parametrizations on the market. The experimental situation has improved a lot, in particular for semi-inclusive lepton-nucleon scattering. Moreover, the interest in the more 'exotic' fragmentation functions like spin-1 polarized FF or interference FF was triggered by the discussion on possible measurements of the transversity distribution function, which unavoidably involve a second chiral-odd function.

So we feel that a major up-date of the database is advisable with a shift of the emphasis to a facilitated access of available parametrizations.

The up-dated database can be found on the World Wide Web under the address:

``http://www.pv.infn.it/~radici/FFdatabase/''