



A New Scheme for Calculation of the Multiplicity Distributions in Hadronic Interactions

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We generalize an existing geometrical approach for multiparticle production in hadronic interactions, in which the overall multiplicity distribution is given by summing contributions coming from each impact parameter b of the incident hadronic system. In the previous work, the process occurring at a fixed impact parameter b was interpreted as due to an elementary collision with formation of an object similar to the one in e^-e^+ annihilations.

Here, we extend the model allowing the possibility of formation of more than just one string. The output seems to be more consistent with data.

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