

principle.

Throughout the formalism is expressed in a manifestly covariant way in terms of the momenta.

Amplitudes free from kinematical singularities can easily be constructed from the A:s.

Reference:

- 1 . Enflo, B.O. and Laurent, B.E., Fortschr. der Physik 16, 373 (1968).

K.-E. Eriksson: Eikonal Approximation and Coherent States.

Abstract:

Interaction through scalar meson exchange is studied in the eikonal approximation. Use of coherent states simplifies the treatment. E.g. soft meson production amplitudes are obtainable from scattering amplitudes simply through functional differentiation.

M. Flato: Ergodicity in Physical Theories and a Simple Theorem on Ergodicity Applying to Complex Measures.

Abstract:

The lecture contains

- 1) The classical notion of ergodicity - the intuitive point of view.
- 2) Rigorous definitions, and the (a priori) two possible generalizations to non-commutative C^* -algebra and to complex measures.
- 3) A simple no-go theorem for the generalization to complex measures.

Ref. M. Flato, B. Nagel and D. Sternheimer C.R.A.S. Paris t. 272 ser. A 892 (1971).