



FIG. 1. Possible Regge-exchange diagrams for elastic three-body collisions.

part of the cross section will vanish. Imposing condition (12c), the reaction $K^0 p \rightarrow \Delta^- + \text{anything}$

is no longer exotic, and hence only B^+ of (6) equals zero, eliminating the result shown in (10). Of the nine reactions listed in Ref. 3 for which $B \neq 0$ only five remain when the condition that $a\bar{c}$ be exotic is also imposed. They are

$$K^+ N \rightarrow \left\{ \begin{matrix} \pi^- \\ K^- \\ \bar{p} \end{matrix} \right\} + \text{anything} \quad (13)$$

and

$$p N \rightarrow \left\{ \begin{matrix} K^- \\ \bar{p} \end{matrix} \right\} + \text{anything}. \quad (14)$$

In order to demonstrate through factorization the necessity of the additional condition suggested by Fig. 1(c) that $a\bar{c}$ be exotic, we have had to consider inclusive reactions in which the Δ^- is the final product. While the measurement of this inclusive reaction might prove difficult experimentally, the conclusions reached theoretically are independent of these difficulties. Experimental tests of these ideas are easily realized through comparison of reactions (13) and (14) with $K^+ N \rightarrow \pi^+ + \text{anything}$ or $p N \rightarrow \pi^+ (\text{or } K^+) + \text{anything}$.

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¹A. H. Mueller, Phys. Rev. D 2, 2963 (1970).

²Chan Hong-Mo, C. S. Hsue, C. Quigg, and J.-M. Wang,

Phys. Rev. Letters 26, 672 (1971).

³J. Ellis, J. Finkelstein, P. H. Frampton, and M. Jacob, Phys. Letters 35B, 227 (1971).

Erratum

Hard-Meson Current Algebra and the Breakdown of Partial Conservation of Axial-Vector Current,
M. G. Miller [Phys. Rev. D 4, 757 (1971)]. The correction is as follows: Equation (81), which *now* reads

$$\Gamma(\varphi \rightarrow 3\pi)|_{\text{TH}} = (0.064 \pm 0.25) \text{ MeV},$$

should read

$$\Gamma(\varphi \rightarrow 3\pi)|_{\text{TH}} = (0.64 \pm 0.25) \text{ MeV}.$$