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Introduction

Sommario/riassunto

During the period 1964-1972, Stephen L Adler wrote seminal papers on high energy neutrino processes, current algebras, soft pion theorems, sum rules, and perturbation theory anomalies that helped lay the foundations for our current standard model of elementary particle physics. These papers are reprinted here together with detailed historical commentaries describing how they evolved, their relation to other work in the field, and their connection to recent literature. Later important work by Dr Adler on a wide range of topics in fundamental theory, phenomenology, and numerical methods, and th