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Discreteness in parameters of the Standard Model

Thursday 6 December 2012 17:00 (25 minutes)

According to Y. Nambu the existing relations in particle masses can be used for the development of the Standard Model. We continue the analysis of this possibility described in the recent publications [1,2]. We show that empirical relations in the masses of pions ($m_{\phi} \approx m_{\phi}$) can be used in such analysis.

- 1. Sukhoruchkin, S.: J. Phys.: Conf. Ser. {\bf 381} (2012) 012076; doi:10.1088/1742-6596/381/1/012076.\\
- 2. Sukhoruchkin, S.I. : Rept. QCD-12, Montpellier: "QCD Constituent quark masses as SM parameters"; $http://www.lpta.univ-montp2.fr/users/qcd/prog12.html.\label{eq:local_prog12} \label{eq:local_prog12}$

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