



Contribution ID: 30

Type: Poster

Charmed Pseudoscalar and Vector Mesons: a Comprehensive QCD Sum-Rule View of Their Decay Constants

In spite of undeniable similarities of the applied techniques, rather different challenges are encountered when extracting, from QCD sum rules for two-point correlators of appropriate heavy-light interpolating currents, the decay constants of charmed mesons of, on the one hand, pseudoscalar nature and, on the other hand, vector nature. This observation justifies a careful reassessment of the corresponding findings.

Primary author: LUCHA, Wolfgang (Austrian Academy of Sciences)

Co-authors: Prof. MELIKHOV, Dmitri (Moscow State University); SIMULA, Silvano (ROMA3)

Presenter: LUCHA, Wolfgang (Austrian Academy of Sciences)