



ID contributo: 42

Tipo: **non specificato**

Pion resonances in Holographic QCD

martedì 14 aprile 2015 14:50 (30 minuti)

We investigate the leptonic decay constants of pion resonances using a 5-d holographic model for Quantum Chromodynamics (Holographic QCD). We obtain a generalized version of the partially conserved axial current (PCAC) relation that includes the pion resonances. In the chiral limit, we find that the decay constants vanish, confirming a prediction from nonperturbative QCD based on the Bethe-Salpeter equations.

Relatore: BALLON-BAYONA, Alfonso

Classifica Sessioni: Parallel Session