

Dispersive analysis of pion-kaon scattering

Content

Low-energy pion-kaon scattering is crucial for the understanding of many areas in hadronic physics, from Chiral effective theories to the determination of the resonances involved as intermediate states in processes with strangeness. We review our recent analysis of pion-kaon scattering implementing analyticity and crossing symmetry through dispersion relations for both pion-kaon and pion-pion to kaon-antikaon channels. Comparing our results with low energy ChPT values and giving the new parameters of the strange resonances.

Summary

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