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Heavy quark momentum diffusion coefficient from lattice

Tuesday, September 14, 2021 3:00 PM (30 minutes)

The heavy quark diffusion coefficient is encoded in the spectral functions of the chromo-electric and the chromo-magnetic correlators that are calculable on the lattice. We study the chromo-electric and the chromo-magnetic correlator in the deconfined phase of SU(3) gauge theory at wide range of temperatures.

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