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Mesonic spectral functions and transport properties in the quenched QCD continuum

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We present new results on the reconstruction of mesonic spectral functions for three temperatures above T_c in quenched QCD. Making use of Clover improved Wilson valence quarks allows for a clean extrapolation of correlator data to the continuum. For the case of vanishing momentum the spectral function is obtained by fitting the data to a well motivated ansatz. In the vector channel for light quarks the electrical conductivity of the hot medium, related to the origin of the spectral function at zero momentum, is computed from the resulting parameters at all three temperatures.

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