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Calculation of free baryon spectral densities at finite temperature

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Following a recent study of nucleon parity doubling at finite temperature from the computation of the two-point nucleon correlators, we study the spectral functions of free baryons at finite temperature. A full analytic review of the spectral densities in the continuum is presented along with a comparison with numerical results. Particular attention will be given to lattice artifacts at higher energies.

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