



Contribution ID: 42

Charmonium spectral functions at finite temperature and momentum

Content:

We have carried out quenched lattice gauge calculations on lattices with a large spatial volume in order to fully include thermal effects. We then applied the maximum entropy method to the imaginary time correlators and obtained spectral functions of charmonia at finite temperatures and finite momenta. We report non-trivial features of those spectral functions.

Primary authors: Prof. ASAKAWA, Masayuki (Osaka University)

Co-authors: Dr. NONAKA, Chiho (Nagoya University); Dr. KITAZAWA, Masakiyo (Osaka University);

Mr. KOUNO, Yasuhiro (Osaka University)

Presenter: Prof. ASAKAWA, Masayuki (Osaka University)

Session classification: --not yet classified--

Track classification: --not yet classified--

Type: --not specified--