

Imaginary potential of heavy quarkonia from thermal fluctuations in rotating matter from holography

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Using AdS/CFT correspondence, we study the imaginary part of heavy quarkonia potential from thermal fluctuations in a strongly coupled plasma. We perform the analysis in a rotating deformed AdS black-hole background. It is shown that the presence of angular velocity decreases the onset of imaginary potential thus enhancing quarkonia dissociation, in agreement with previous findings of the entropic force.

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