

Geometric Approach to Thermodynamics of Integrable Systems

Tsvetan Vetsov

Faculty of Physics, Sofia University, Bulgaria

E-mail: vetsov@phys.uni-sofia.bg

ABSTRACT

We study the information content of integrable systems within the framework of Thermodynamic information geometry. Our focus is on the calculation of the proper thermodynamic metrics on the space of equilibrium states for specific models in String theory and modified theories of gravity.