

Referee Report

Manuscript number : #90075

Title : The KMS State of Space-Time at Planck Scale

Author : I.Bogdanoff

Motivated by string theory results, in this paper the author discussed the space-time below Planck scale as a thermodynamic system subject to KMS condition. Since the physics at the Planck scale has been largely unexplored, the viewpoint presented in this paper can be interesting as a possible approach of the Planck scale physics.

Thus it will be reasonable to consider the publication of this paper in Chinese Journal of Physics.

Before publication, however, the author should correct the followings.

If these corrections are made, it can be published in the journal without further reviewing.

1. The author should provide the precise information on the references. He missed the page numbers of almost all references.
2. The author should take proper citations in this paper. In several places, improper citations have been found. As an example, the paper by Seiberg and Witten, Ref. [16], is not relevant to the content mentioned in the paper for most cases.
3. The author should correct several typos in the paper. As an example, and al = et al.

Best wishes,