Home   Editors   Submissions   Reviews   Volumes   RGMIA   About Us

Free and Classical Entropy Over the Circle

Authors:	**Gordon Blower**,

Abstract: Relative entropy with respect to normalized arclength on the circle is greater than or equal to the negative logarithmic energy (Voiculescu's negative free entropy) and is greater than or equal to the modified relative free entropy. This note contains proofs of these inequalities and related consequences of the first Lebedev-Milin inequality.

[Download Screen PDF](#)

[Download Print PDF](#)

[Send this article to a friend](#)

[Print this page](#)

search   [advanced search]   copyright 2003   terms and conditions   login