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**Mathematical  
Physics**

# Algorithmic Thermodynamics

[John C. Baez](#),  
[Mike Stay](#)

*(Submitted on 11  
Oct 2010)*

Algorithmic  
entropy  
can be  
seen as  
a special  
case of  
entropy  
as  
studied  
in  
statistical  
mechanics.

This  
viewpoint  
allows us  
to apply  
many  
techniques  
developed  
for use  
in  
thermodynamics  
to the  
subject  
of