



**Chesapeake Section of the
American Association of Physics Teachers
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Entropy - What's in a Meaning

Saturday, April 17, 2021 1:20 PM (20 minutes)

The term “entropy” has created much controversy over the past hundred years on its interpretation, or misinterpretation. In a book by Dr. Ariah Ben-Naim (Hebrew University, entitled “Entropy and the Second Law”, the author attempts to explain the meaning of entropy, to guide readers in its understanding, and to show how it relates to Shannon’s Measure of Information, of Uncertainty, and to the Second Law of Thermodynamics. In this talk I want to share some of the ideas presented in this book in order to remove any speculative interpretations of the term “entropy”.

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