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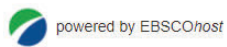
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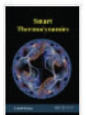


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
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# Chapter 1

## Fundamentals

### 1.0 Introductory Remarks

Thermodynamics is an overarching discipline in the sense that all physical phenomena can be described and analyzed in terms of a general macroscopic framework that contains parameters which may be determined by experiment. It is truly

