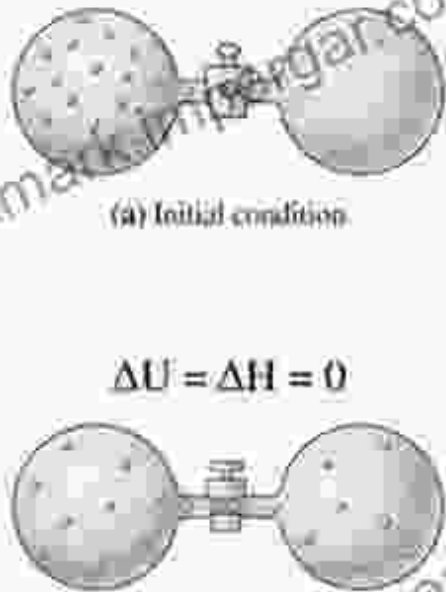


Farewell to Entropy: Uncover the Hidden Order in the Universe

19-2 The Concept of Entropy



(a) Initial condition

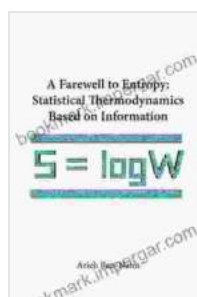
$\Delta U = \Delta H = 0$

(b) After expansion into vacuum

- ◆ Entropy, S .
 - The greater the number of configurations of the microscopic particles among the energy levels in a particular system, the greater the entropy of the system.

$\Delta S > 0$ spontaneous

Slide 6 of 44 General Chemistry, Chapter 19 Prentice-Hall © 2007



Farewell To Entropy, A: Statistical Thermodynamics Based On Information

★★★★☆ 4.3 out of 5

Language	: English
File size	: 10209 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 411 pages



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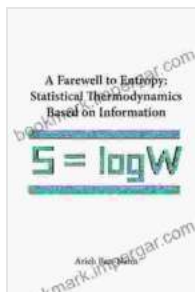
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