

## Index

### A

adiabatic decompression  
[15.2: Adiabatic Decompression](#)  
adiabatic demagnetization  
[15.3: Adiabatic Demagnetization](#)

### B

binary alloys  
[17.9: Binary Alloys](#)

### C

Celsius scale  
[3.2: Temperature Scales I](#)

### D

Debye temperature  
[8.10: Heat Capacities of Solids](#)

### E

enthalpy  
[9: Enthalpy](#)  
entropy  
[7.3: Entropy](#)  
Equation of state  
[2.5: Second Derivatives and Exact Differentials](#)  
Error Function  
[4.1: Error Function](#)  
exact differential  
[2.5: Second Derivatives and Exact Differentials](#)

### F

Fahrenheit scale  
[3.2: Temperature Scales I](#)

### I

inexact differential  
[2.5: Second Derivatives and Exact Differentials](#)  
Integrating Factors  
[2.5: Second Derivatives and Exact Differentials](#)  
Inversion temperature  
[10.3: The Joule-Thomson Experiment](#)

### J

Joule coefficient  
[10.2: The Joule Experiment](#)  
Joule Experiment  
[10.2: The Joule Experiment](#)

### K

Kelvin scale  
[3.2: Temperature Scales I](#)

### L

latent heat of freezing  
[9.2: Change of State](#)  
Law of Dulong and Petit  
[8.10: Heat Capacities of Solids](#)

### M

Maxwell relations  
[12.5: Summary, the Maxwell Relations, and the Gibbs-Helmholtz Relations](#)

### R

Réaumur scale  
[3.2: Temperature Scales I](#)  
Radius of Gyration  
[4.1: Error Function](#)  
Rankine scale  
[3.2: Temperature Scales I](#)

### S

specific heat  
[7.3: Entropy](#)  
specific heat capacity  
[7.3: Entropy](#)

### T

ternary alloy  
[17.10: Ternary Alloys](#)

### Z

zeroth law of thermodynamics  
[3.1: Zeroth Law of Thermodynamics](#)