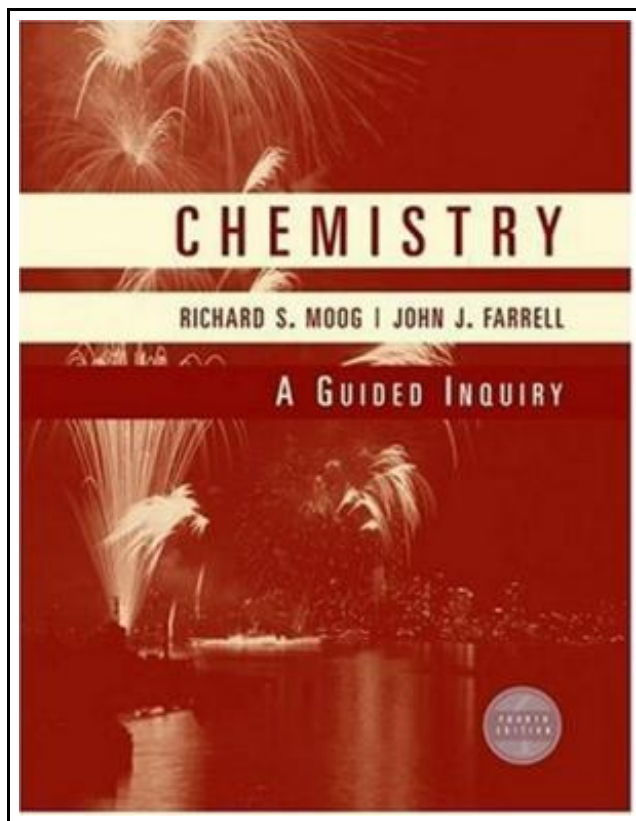


## Chemistry: A Guided Inquiry



Filesize: 3.04 MB

### ***Reviews***

*A really wonderful book with perfect and lucid information. I actually have study and i am sure that i am going to gonna read through once more yet again in the future. I am pleased to explain how this is actually the finest ebook we have study inside my personal daily life and might be he finest book for at any time.*

***(Kristy Stroman)***

## CHEMISTRY: A GUIDED INQUIRY



Wiley, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service!  
Summary: Atomic Structure.1. The Nuclear Atom.2. Atomic Number and Atomic Mass.3. Coulomb's Law.4. The Shell Model (I).5. The Shell Model (II).6. Atomic Size.7. Electromagnetic Radiation.8. Photoelectron Spectroscopy.9. The Shell Model (III).10. Electron Configurations.11. Electron Configurations and the Periodic Table.12. Electron Spin Molecular Structure.13. Lewis Structures (I).14. Bond Order and Bond Strength. 15. Lewis Structures (II).16. Lewis Structures (III).17. Lewis Structures (IV). 18. Molecular Shapes.19. Hybrid Orbitals.20. Average Valence Electron Energies.21. Partial Charge.22. Polar, Nonpolar, and Ionic Bonds.23. Dipole Moment. Solids and Liquids.24. The Ionic Bond.25. Metals.26. The Bond-Type Triangle.27. Intermolecular Forces. Stoichiometry.28. The Mole Concept.29. Balanced Chemical Equations.30. Limiting Reagent.31. Empirical Formula.32. Molarity.Gases. 33. The Ideal Gas Law. Thermochemistry.34. Enthalpy of Atom Combination.35. Enthalpy Changes in Chemical Reactions. Equilibrium.36. Rates of Chemical Reactions.37. Equilibrium (I).38. Equilibrium (II).39. The Equilibrium Constant (I).40. The Reaction Quotient.41. The Solubility Product. Acids and Bases.42. Acids and Bases.43. Strong and Weak Acids.44. Weak Acid/Base Dissociation.45. pH.46. Relative Acid Strength.47. Acid/Base Strength of Conjugate Pairs. Oxidation-Reduction.48.Redox Reactions.49. Oxidation Numbers.50. The Electrochemical Cell.51. The Cell Voltage. Thermodynamics.52. Entropy (I).53. Entropy (II).54. Entropy Changes in Chemical Reactions.55. The Equilibrium Constant (II).56. The Equilibrium Constant (III). Kinetics.57. Rates of Chemical Reactions (II).58. Integrated Rate Laws.59. Reaction Mechanisms (I).60. Reaction Mechanisms (II).61. Reaction Mechanisms (III).62. Activation Energy.Appendix: Table A.1 Values of Selected Fundamental Constants.Appendix: Table A.2 Selected Conversion Factors.Appendix: Table A.3 Standard-State Enthalpies, Free Energies, and Entropies of Atom Combination. Index.



[Read Chemistry: A Guided Inquiry Online](#)

[Download PDF Chemistry: A Guided Inquiry](#)

## See Also

---



**Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)**

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Read ePub »](#)

---



**Maisy's Christmas Tree**

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

[Read ePub »](#)

---



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read ePub »](#)

---



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read ePub »](#)

---



**Edge] the collection stacks of children's literature: Chunyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005 Pages: 815 Publisher: the Chinese teenager Shop Books all book....

[Read ePub »](#)