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Nota di contenuto	Cover -- Table of Contents -- Glossary -- 1. The Chemical World -- 2. Measurement and Problem Solving -- 3. Matter and Energy -- 4. Atoms and Elements -- 5. Molecules and Compounds -- 6. Chemical Composition -- 7. Chemical Reactions -- 8. Quantities in Chemical Reactions -- 9. Electrons in Atoms and the Periodic Table -- 10. Chemical Bonding -- 11. Gases -- 12. Liquids, Solids, and Intermolecular Forces -- 13. Solutions -- 14. Acids and Bases -- 15. Chemical Equilibrium -- 16. Radioactivity and Nuclear Chemistry -- 17. Oxidation and Reduction -- Appendix: Mathematics Review -- Fundamental Physical Constants, Useful Geometric Formulas, Important Conversion Factors, and AtomicMasses of the Elements -- Index.
Sommario/riassunto	Introductory chemistry students need to develop problem-solving skills, and they also must see why these skills are important to them and to their world. Introductory Chemistry Essentials, Fourth Edition extends chemistry from the laboratory to the student's world, motivating students to learn chemistry by demonstrating how it is manifested in their daily lives. Throughout, the Fourth Edition presents a new student-friendly, step-by-step problem-solving approach that adds four steps to each worked example (Sort, Strategize, Solve, and Check). Tro's acclaimed pedagogical features include Solution Maps, Two-Column Examples, Three-Column Problem-Solving Procedures, and Conceptual Checkpoints. This text is the Essentials version of Tro's Introductory Chemistry, Fourth Edition and contains Chapters 1-17 from that text. To order the complete text, please use ISBN 0-321-68793-0.

