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Nota di contenuto	Intro -- ALGEBRAIC CHEMISTRY -- ALGEBRAIC CHEMISTRY -- CONTENTS -- PREFACE -- INTRODUCTION -- 1. THE BACKGROUND -- 2. THIS BOOK -- 2.1. About Part I -- 2.2. About Part II -- 2.3. About Part III -- 2.4. About So Much More -- 3. THE CHARACTERS -- PART I. CHEMISTRY AS NUMERICAL REGULARITIES -- PROLOG TO PART I -- ABOUT PATTERNS -- REFERENCES -- APPENDIX: THE PERIODIC TABLE, MENDELEYEV STYLE -- IONIZATION POTENTIALS OF ATOMS -- ABSTRACT -- INTRODUCTION -- 1. OBSERVED BEHAVIOR OF IONIZATION POTENTIALS OF ALL ORDERS -- 2. DETAILS ON BEHAVIOR OF FIRST-ORDER IONIZATION POTENTIALS -- CONCLUSION -- ACKNOWLEDGMENTS -- APPENDIX: BASIC DATA ON FIRST-ORDER IONIZATION POTENTIALS OF ATOMS -- IONIZATION POTENTIALS OF IONS -- ABSTRACT -- INTRODUCTION -- 1. MODEL DEVELOPMENT -- 2. SYMBOLIC FORMULAE -- CONCLUSION -- AN INVITATION TO READERS -- APPENDIX: FORMULAE AND EVALUATIONS FOR SEQUENTIAL IONIZATIONS OF SELECTED ELEMENTS -- 1. Hydrogen -- 2. Helium -- 3. Lithium -- 4. Beryllium -- 5. Boron -- 6. Carbon -- 7. Nitrogen -- 8. Oxygen -- 9. Fluorine -- 10. Neon -- 11. Sodium -- 12. Magnesium -- 13. Aluminum -- 14. Silicon -- 15. Phosphorus -- 16. Sulfur -- 17. Chlorine -- 18. Argon -- 19. Potassium -- 21. Scandium -- 24. Chromium -- 26. Iron -- 27. Cobalt -- 29. Copper -- 30. Zinc

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