

The library collection

I. CHEMISTRY

1. ORGANIC CHEMISTRY

- 1.1 Fundamentals of organic chemistry
- 1.2 Organic chemistry preparation
- 1.3 Synthesis, mechanisms and stereochemistry
- 1.4 Chemistry of organic compounds
- 1.5 Organic chemistry – other issues

2. BIOCHEMISTRY

3. BIOTECHNOLOGY AND INTERDISCIPLINARY SCIENCES

4. MEDICAL CHEMISTRY

5. COSMETIC CHEMISTRY

6. ANALYTICAL CHEMISTRY

- 6.1 Fundamentals of analytical chemistry
- 6.2 Qualitative analysis
- 6.3 Quantitative analysis
- 6.4 Chemical calculations and analysis of results
- 6.5 Instrumental methods – general issues
 - 6.5.1 Chromatography
 - 6.5.2 Spectroscopy and spectrometry
- 6.6 Analytical chemistry – other issues

7. INORGANIC CHEMISTRY

- 7.1 Fundamentals of inorganic chemistry
- 7.2 Inorganic chemistry preparation
- 7.3 Chemical elements and compounds
- 7.4 Inorganic chemistry – other issues

8. COORDINATION AND COMPLEX COMPOUNDS

9. GENERAL CHEMISTRY

- 9.1 Fundamentals of general chemistry
- 9.2 General chemistry – other issues

10. QUNTUM AND THEORETICAL CHEMISTRY

11. PHYSICAL CHEMISTRY

- 11.1 Fundamentals of physical chemistry
- 11.2 Thermodynamics and kinetics
- 11.3 Electrochemistry
- 11.4 Solid state chemistry and magnetochemistry

12. CATALYSIS AND ADSORPTION

13. PHOTOCHEMISTRY

14. NUCLEAR CHEMISTRY

15. CRYSTALLOGRAPHY AND RENTGENOGRAPHY RENTGENOGRAFIA

16. CHEMICAL TECHNOLOGY

- 16.1 General chemical technology
- 16.2 Organic chemical technology
- 16.3 Inorganic chemical technology
- 16.4 Chemical engineering (processes and apparatuses)
- 16.5 Chemical technology – other issues

17. FOOD CHEMISTRY

18. CHEMISTRY OF THE ENVIRONMENT

- 18.1 General chemistry of the environment and ecology
- 18.2 Analysis of water, waste, ground, air, analytical methods, waste management
- 18.3 Chemistry of the environment – other issues

19. TOXICOLOGY AND PESTICIDES

20. NANOTECHNOLOGIES AND SUPRAMOLECULAR CHEMISTRY

21. CHEMISTRY TEACHING

22. HISTORY OF CHEMISTRY

24. TABLES, COMPENDIA, GUIDES

II. LANGUAGE LEARNING

- II.1. Dictionaries
- II.2. Handbooks for learning languages

III. INFORMATICS

IV. MATEMATICS

V. PHYSICS

VI. BIOLOGY

VII OTHERS