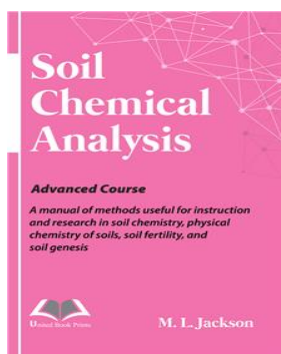


## Soil Chemical Analysis



**M.L. Jackson**

ISBN	: 9789383692354	Book Format	: Book
		Binding	: Paper Back
Language	: English	Edition	: 1
Imprint	: United Book Print	© Year	: 2018
Pages	: 930	Trim Size	: 6.25 x 9.25 x 3
Weight	: 800 Gms		

**Print Book : ₹1,150.00**

### Blurb

This book Soil Chemical Analysis: Advanced Course are useful for an advanced laboratory accompanying two 1-hour lectures per week on soil mineral weathering, soil chemistry, or physical chemistry of soils, generally offered to students at the first to third graduate college year, preferably after elementary courses in general mineralogy, soil chemical analysis, and physical chemistry. The laboratory is ordinarily given in one 4-hour period per week for a semester, accompanied by a 1-hour lecture per week entirely for discussion of the principles of the procedures.

### Table of Contents

1. Atomic Models of Mineral Crystals and organic Molecules
2. Dispersion of soil Minerals
3. Mineral Fractionation for soils
4. X-ray diffraction analysis of soil minerals
5. Cation Exchange capacity determination for soils
6. Thermal analysis of soil minerals
7. Specific surface determinations of soil Minerals
8. Infrared absorption analysis of soils
9. Electron microscope determination for soil
10. Light Microscope determinations for soil
11. Selective dissolution and chemical allocation of soil minerals
12. Soil organic matter separation and characterization
13. Cation Activity Measurement for soils
14. Redox potential measurement for soils
15. Isotopic analysis for soils
16. Soil Acid Production by H Resin or Salt-Acid Treatment
17. Cation Exchange Equilibrium of soil Colloidal Acids with Bases

Index

Appendix A. Obituary

Appendix B. University of Wisconsin-Madison Faculty Senate Memorial Resolution No. 1725, September 29, 2003

Appendix C. Francis D. Hole "In Recognition of Marion L. Jackson on the Occasion of His Sixty First Birthday, November, 30, 1975

Appendix D. Richard Corey " Marion Leroy Jackson-Soil Scientists of Worldwide Influence", 1991

Appendix E. Career Publication List

**Appendix F. Graduate Student List.**

This is computer generated document and does not require signature

Scientific Publishers

Date :- Thu Dec 02 2021