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2.4.2 General Spectroscopic Considerations2.4.3 The Quest for Interstellar Glycine; 2.4.4 General Astronomic Considerations; 2.4.5 Alkyl Alcohols; 2.4.5.1 Methanol, CH3OH; 2.4.5.2 Ethanol, C2H5OH; 2.4.5.3 Larger alkanols; 2.4.5.4 Alkanediols and -polyols; 2.4.6 Alkyl Ethers; 2.4.6.1 Dimethyl, Ether CH3OCH3; 2.4.6.2 Larger Ethers; 2.4.7 Esters; 2.4.8 Alkyl Cyanides; 2.4.9 Other Complex Molecules; References; Chapter 3 Gas Phase Chemistry; 3.1 Introduction; 3.1.1 Cross Sections and Rate Coefficients for Binary Collisions; 3.1.2 Differential Scattering and Crossed Beam Experiments
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Sommario/riassunto

Written by leading scientists in the field and intended for a broader readership, this is an ideal starting point for an overview of current research and developments. As such, the book covers a broad spectrum of laboratory astrophysics and chemistry, describing recent advances in experiments, as well as theoretical work, including fundamental physics and modeling chemical networks.
For researchers as well as students and newcomers to the field.

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Table 5.2 Biological and Chemical Properties of Semiarid Tropical Vertisols

Sommario/riassunto

The Sustainable Land Management Sourcebook is a resource of good practice information on land and natural resource management issues that will be of operational relevance to practitioners in the tropics and sub-tropics. The Sourcebook covers a comprehensive range of topics on the technical issues of land and natural resource management and is presented in a way that will facilitate use by both experts and lay readers. The text is well-illustrated with graphs and photos and for the more specialized reader, key references and web links to institutional reference databases are provided.