

TABLE OF CONTENTS

SYNTHESIS, CHARACTERIZATION AND BIOCHEMICAL APPLICATIONS OF BORON COMPLEXES OF MONOFUNCTIONAL BIDENTATE AND BIFUNCTIONAL TRIDENTATE LIGANDS	67
Neeti Gupta and R.V. Singh*	
SYNTHESIS AND REACTIVITY OF ALLYLTINS WITH A "POLAR TAIL" (in French)	75
F. Ferkous*, M. Degueil-Castaing, H. Deleuze and B. Maillard*	
THE VIBRATIONAL SPECTRUM OF ARSENIC TRICHLORIDE	77
Thomas M. Klapötke	
REACTIONS OF PARTIALLY SOLVATED n-BUTYLMAGNESIUM CHLORIDE WITH DIISOPROPYL KETONE IN TOLUENE	81
Ants Tuulmets* and Velio Pällin	
HETEROMETALLIC ALKOXIDES OF ALKALINE EARTH METALS: SYNTHESIS, SPECTROSCOPIC AND CHEMICAL PROPERTIES OF NEW CLASSES OF TETRA- AND PENTANUCLEAR HETEROMETALLIC ALKOXIDES OF BARIUM AND ALUMINIUM	89
Malti Bhagat, Anirudh Singh* and Ram C. Mehrotra*	
A NOVEL TOPOLOGICAL INDEX AND ITS CORRELATION WITH THE NMR CHEMICAL SHIFTS OF VARIOUS COMPOUNDS	97
Lin-Feng Li, Xiao-Zeng You* and Tian-Ming Yao	
HETEROMETALLIC LEAD COORDINATION AND ORGANOMETALLIC COMPOUNDS: CLASSIFICATION AND ANALYSIS OF CRYSTALLOGRAPHIC AND STRUCTURAL DATA	107
Clive E. Holloway and Milan Melnik	
SYNTHESIS, CHARACTERIZATION AND THERMAL PROPERTIES OF A NEW FLUORINATED SILALKYLENE-POLYSILOXANE	133
B. Boutevin, F. Guida-Pietrasanta*, A. Ratsimihety and G. Caporiccio	