

## CONTENTS

**Organic Chemistry**

*S. Konstantinović, J. Predojević, S. Gojković, V. Pavlović and J. Csanadi*: The Ferrier rearrangement as the key step in the synthesis of C<sub>7</sub>-C<sub>16</sub>-alkyl 2,3-dideoxy glucosides from glucose and C<sub>7</sub>-C<sub>16</sub>-alkanols ..... 499

*D. Ž. Mijin, G. S. Ušćumlić and N. V. Valentić*: Synthesis and investigation of solvent effects on the ultraviolet absorption spectra of 5-substituted-4-methyl-3-cyano-6-hydroxy-2-pyridones. 507

**Physical Chemistry**

*I. Gutman*: On the Klemm model for bistability of mixtures of interacting enantiomers..... 517

*J. Radić-Perić and N. Pekas*: Thermodynamical consideration of the synthesis of solid AlN from thermal plasma ..... 523

*M. S. Pavlović, J. J. Savović and M. Marinković*: Some problems connected with boron determination by atomic absorption spectroscopy and the sensitivity improvement ..... 535

*W. Ferenc and A. Walkow-Dziewulska*: Complexes of light lanthanides with 2,3-dimethoxybenzoic acid ..... 543

*M. Tomašević, A. Daković, V. Marković and D. Stojšić*: The effect of exchangeable cations in clinoptilolite and montmorillonite on the adsorption of aflatoxin B<sub>1</sub> ..... 555

**Electrochemistry**

*H. Cui, S. Zhao, C. Wang and S. Chen*: A study of periodic current oscillations of iron in nitric acid solutions ..... 563

Published by the Serbian Chemical Society, Karnegijeva 4/III,  
P. O. Box 35-08, YU-11001 Belgrade, Yugoslavia  
Printed by the Faculty of Technology and Metallurgy, Karnegijeva 4,  
P. O. Box 35-03, YU-11001 Belgrade, Yugoslavia