

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

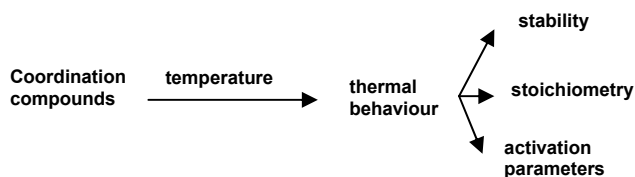
Tome 53, N° 12

Décembre 2008

REVIEW

Oana CARP

The influence of the central metallic ion on the thermal behaviour of solid coordination compounds



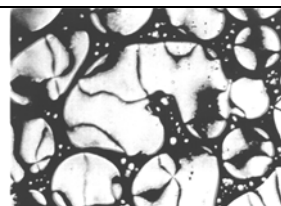
Rev. Roum. Chim., 2008, 53(12), 1081-1088

Key words: coordination compound, metallic ion, thermal behaviour.

PAPERS

Gabriela RĂU, Anca MOANȚĂ and George-Dan MOGOȘANU

Novel azoderivatives as liquid crystals



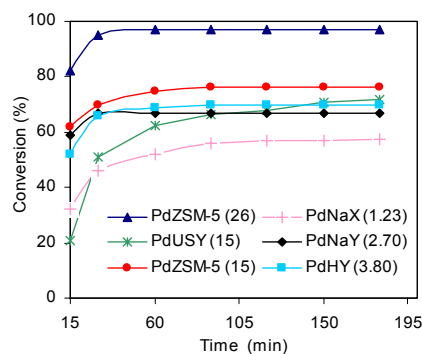
Rev. Roum. Chim., 2008, 53(12), 1089-1095

Key words: azoderivatives, synthesis, liquid crystals.

Hanene NAJAR, Mongia SAÏD ZINA et Abdelhamid GHORBEL

Effet de la désalumination du support zéolithique sur l'activité du palladium dans la combustion du méthane

Zeolitic support dealumination effect on methane combustion over palladium catalyst

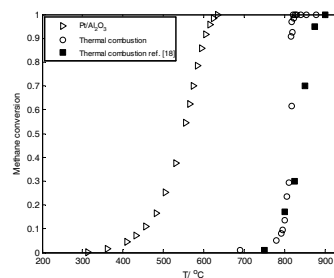


Rev. Roum. Chim., 2008, 53(12), 1097-1103

Key words: Zéolithe-Y, désalumination, catalyse, combustion du méthane.

Magdalena BOȘOMOIU, Grigore BOZGA and Gheorghe SOARE

Methane combustion over a commercial platinum on alumina catalyst: kinetic and catalyst deactivation

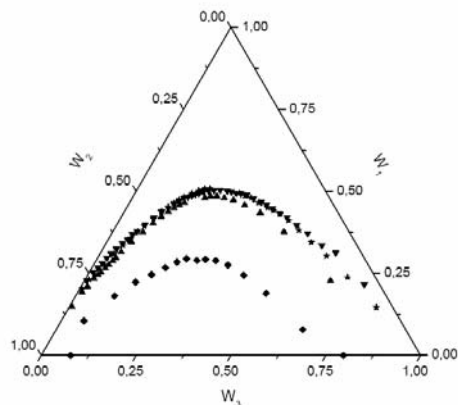


Rev. Roum. Chim., 2008, 53(12), 1105-1115

Key words: methane combustion, catalyst, platinum on alumina, kinetics, deactivation.

Cristina STOICESCU, Olga IULIAN and Florinela SÎRBU

Liquid+liquid equilibrium data for the ternary mixtures of 1-propanol+water with 1-butanol, 1-hexanol, 1-octanol, or 1-decanol at 294.15 K

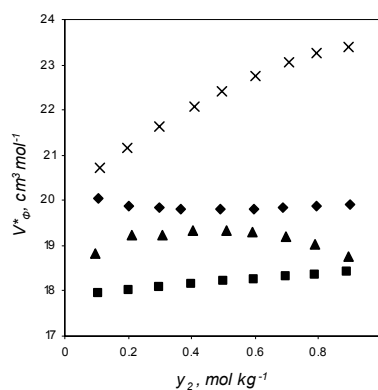


Key words: liquid + liquid equilibrium data, water + n-alcohol ternary systems, cloud-point method.

Rev. Roum. Chim., 2008, 53(12), 1117-1123

Olga IULIAN, Florinela SÎRBU and Cristina STOICESCU

Density and apparent molar volume prediction in some ternary electrolyte solutions

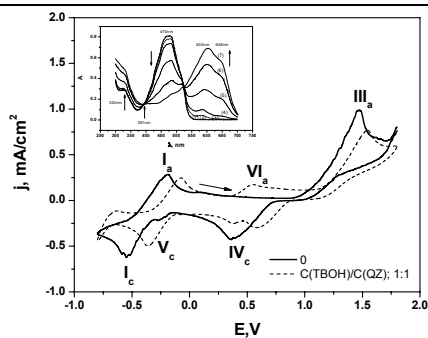


Key words: density prediction, apparent molar volume.

Rev. Roum. Chim., 2008, 53(12), 1125-1129

Alina LATUS and Elena VOLANSCHI

Electrochemical and spectral study of the redox behavior and cardiotoxicity of anticancer drugs with anthraquinone structure: quinizarin

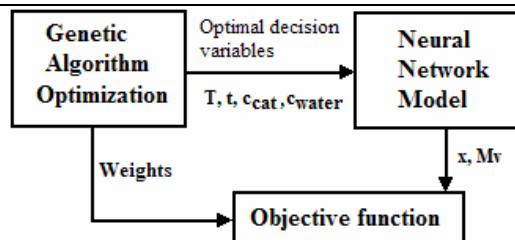


Key words: anthraquinone drugs, cyclic voltammetry, UV-VIS spectroelectrochemistry, MO- calculations, cardiotoxicity.

Rev. Roum. Chim., 2008, 53(12), 1131-1140

Silvia CURTEANU and Maria CAZACU

Optimization of a polysiloxane synthesis process using artificial intelligence methods

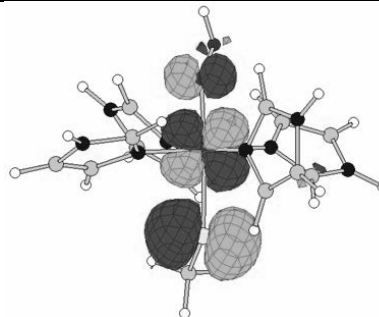


Key words: genetic algorithms, neural networks, polysiloxane, optimization.

Rev. Roum. Chim., 2008, 53(12), 1141-1148

Radu SILAGHI-DUMITRESCU

The “push” effect of the thiolate axial ligand in superoxide reductase: a density functional study

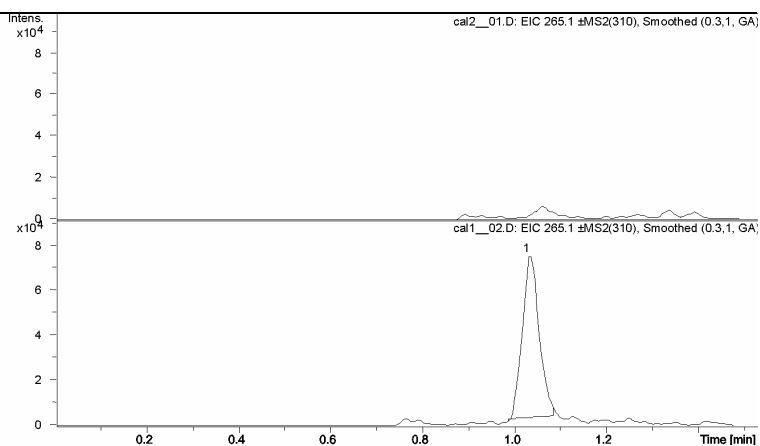


Rev. Roum. Chim., **2008**, 53(12), 1149-1156

Key words: DFT/ iron/ superoxide reductase/ thiolate push/ enzyme.

Laurian VLASE, Daniela-Saveta POPA, Sorin E. LEUCUȚA and Felicia LOGHIN

Bioanalysis of methadone in human plasma and urine by LC/MS/MS



Rev. Roum. Chim., **2008**, 53(12), 1157-1164

Key words: methadone, LC/MS/MS, plasma, urine.

Index of authors

Rev. Roum. Chim., **2008**, 53(12), 1165-1174

Index of subjects

Rev. Roum. Chim., **2008**, 53(12), 1175-1179
