Full Paper _____ *Thematic Section:* Physicochemical Study.
Registration Code of Publication: 11-25-8-32 *Subsection:* Elementorganic Chemistry.
Publication is available for discussion in the Internet as a material of "All-Russian Working Chemical Conference "*Butlerov's Heritage-2011*". http://butlerov.com/bh-2011/
Contributed to editorial board: April 15, 2011

Complexing enthalpies of metal complexes with polyethylenepolyamine-*N*-methylphosphonic acids

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Keywords: *polyethylenpolyamine-N-methylphosphonic acids, transition metal complexes, calorimetry.*

Abstract

In the present work complexing enthalpies of protonation and deprotonation complexes of homological members of oligomeric polyethylenepolyamine-*N*-methylphosphonic acids with two- and trivalent metal ions at various parities of ligands concentration and cations in water solutions. Influence of the nature of the central atom and molecular weight of homologs on complexing entalpies is defined.