## Relation between the Mass-Centric Coordinates in Multicomponent Salt Systems

Vasily Lutsyk and Vera Vorob'eva

Buryat Scientific Center, Russian Academy of Sciences, 8, Sakhyanova str., Ulan-Ude, 670047, Russia

Reprint requests to V. V.: Fax: 301-243-32-38: E-mail: vvorobieva@mail.ru

Z. Naturforsch. **63a.** 513 – 518 (2008): received December 4, 2006

Presented at the EUCHEM Conference on Molten Salts and Ionic Liquids, Hammamet, Tunisia, September 16–22, 2006.

An algorithm which allows to define relations between concentration coordinates of subsystems formed in the initial system consisting of simple elements is proposed. The same algorithm gives a possibility to determine the conditions under which the point belongs to the given concentration simplex or complex.

Key words: Polyhedration; Concentration Simplex and Complex; Mass-Centric Coordinates.