

## Autocomplexes in salt melts of divalent metals

© Nikolay K. Tkachev,<sup>1+</sup> and Anatoly Ya. Fishman<sup>2\*</sup>

<sup>1</sup>Laboratory of Interphase Phenomena. Institute of High Temperature Electrochemistry UB RAS.  
S. Kovalevskaya St., 22. Ekaterinburg, 620219. Russia. Phone: +7 (343) 362-31-35.

E-mail: [n.tkachev@ihte.uran.ru](mailto:n.tkachev@ihte.uran.ru)

<sup>2</sup>Laboratory of Statics and Kinetics of Processes. Institute of Metallurgy, Ural Branch of Russian Academy of Sciences. Amundsen St., 101. Ekaterinburg, 620016. Russia. Phone: +7 (343) 267-94-72.

E-mail: [fishman@uran.ru](mailto:fishman@uran.ru)

\*Supervising author; +Corresponding author

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### Abstract

It has been shown that chemical equilibrium with respect to the formation or dissociation of the complex anions in salt melts of divalent metals halides is controlled by electrostatic interaction and excluded volume forces. The analysis of the equilibrium concentration of autocomplexes in simple statistical-thermodynamic model has been carried out. The possible types of chemical equilibrium shift towards dissociation were shown.