

## **Kinetic of metal ionization processes at complexation and polymerization effects**

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### **Results.**

New method of ionization metal process management proposed. It based on addition of organic compounds which formed slightly soluble compounds with metal ions. Due to proposed scheme such layers formed on surface blocked layers which retard corrosion processes. Gravimetric proving of such criteria obtained. Experimental data on organic substances influence on cathodic and anodic over voltage obtained. Iron surface investigated by SEM and AFM. Model of system iron surface/solution has analyzed at organic substances influence. New effective inhibitors proposed (TPPO, mixture of TPPO and potassium iodide).