

Zhukov, M. Yu.; Sakharova, L. V.

Approximation of the weak solution for the stationary isoelectrofocusing problem. (Russian. English summary) [Zbl 1324.78012](#)

Mat. Model. 26, No. 8, 31-47 (2014).

The known method of the multicomponent mixture fractioning on separate components by an electric field in the medium with an nonhomogeneous pH-value is used for the description and the analysis of the stationary pH-gradient arising in multicomponent mixtures.

Reviewer: [Sergei Georgievich Zhuravlev \(Moskva\)](#)

MSC:

[78A30](#) Electro- and magnetostatics

[76T30](#) Three or more component flows

[78A57](#) Electrochemistry

Keywords:

[electrostatics](#); [magnetostatics](#); [multi-components flows](#); [electrochemistry](#)

Full Text: [MNR](#)