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The Review of Bipolar Ion Mobility Spectrometers

Y.R. Shaltaeva, A.V. Golovin, V.K. Vasilyev, E.A Gromov, M.A. Matusko,
E.K. Malkin, I.A. Ivanov, V.V. Belyakov, and V.S. Pershenkov

*Institute of Nanoengineering In Electronics, Spintronics And Photonics, National Research Nuclear
University MEPhI (Moscow Engineering Physics Institute), Moscow, Russia*

The review considers the design of ion mobility spectrometers, which allow for the conditionally simultaneous detection of both positive and negative ions. The review of existing serial ion mobility spectrometers with simultaneous detection of substances in both spectrometric modes is carried out. The ways of realization of the bipolar ion mobility spectrometer are analyzed.