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| **Drift-compressional mode in the magnetosphere**  D.Yu. Klimushkin 1, P.N. Mager 1  1. Institute of Solar-Terrestrial Physics, Irkutsk, Russia  The drift-compressional mode is the most common branch of ultra low frequency oscillations of the inhomogeneous finite-pressure plasma. This mode is influenced by the interaction with high-energy particles through the drift resonance and coupling with the Alfven mode. In the magnetosphere it can be responsible for the compressional storm time Pc5 geomagnetic pulsations. This report outlines main theoretical properties of the drift-compressional mode and its possible observational manifestations.  This study was supported by the Russian Science Foundation under Grant No. 22-77-10032. | https://seminar.pgia.ru/images/spacer.gif |
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