

## Spatial structure of the periodic change in the geomagnetic day-to-day variation

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The periodic changes in the geomagnetic day-to-day variation are possibly attributed to the dynamo currents in the ionosphere. However the wind systems driving the currents have not yet been distinguished. By using the geomagnetic hourly data in low latitudes, we try to deduce the spatial structures of the changes in the day-to-day variation. The 2-day oscillation, which is probably related with the quasi-2-day wave in the middle atmosphere, and other periodic variations are investigated.

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