

On the annual change of the diurnal variation patterns in the Earth's background free oscillations.

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Nishida et al.(2000) reported evidence of an annual variation in Earth's background free oscillations. Morii(2001) exhibited features of the diurnal variations in Earth's background free oscillations. Here we report the seasonal changes of diurnal variation patterns in Earth's background free oscillations. It was confirmed that the diurnal variations were remarkable in periods from the end of May to the beginning of September and from the end of October to the beginning of February. It was also confirmed that the diurnal variation patterns in different periods mentioned above differ remarkably from each other. It is possible that the seasonal changes of them are caused by the geographical distribution of continents.