

Statistical study on simultaneous occurrence of Pi 2 pulsations in the equatorial region

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We statistically analyzed magnetic field data from the Equatorial Magnetometer Network in order to examine occurrence of Pi 2 pulsations in the equatorial region. Five equatorial stations (GUA(Geographic Longitude=145), PRD(81), MOK(14), ALC(-44), ANC(-77)) of the Equatorial Magnetometer Network used here are globally separated in longitude. ALC is used for the standard station. Cross correlation coefficients between ALC and the other stations are obtained for 54 Pi 2's during October 10-31, 1993.

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