

North-South asymmetry of solar photospheric magnetic field.

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**Text of Abstract**

- It was performed an extensive study of the the North-South asymmetry of the magnetic field dis in latitude and in longitude.  
The correlation between magnetic field in the North and in the South was calculated for full data sets and for subsets of 1, 3, 5-year long covered the interval from 2005 to reveal the relationship between magnetic field in both hemispheres over different periods activity.  
The asymmetry of the differential rotation was analyzed, and its temporal variability was studied