

**Statistical Period Analysis of Mira Type Variables (*Abstract*)****Hideo Sato***National Astronomical Observatory, Japan***Keiichi Saijo***National Science Museum, Japan***Kazuo Yoshioka***The University of the Air, Japan***Janet A. Mattei\****AAVSO, 25 Birch St, Cambridge, MA 02138, USA*

**Abstract** To investigate irregular variations in brightness and in period change of long period variable stars (LPVs), we made statistical studies of period variations of such stars, based on two- and three-dimensional return maps and smoothed diagrams using spline curves on the period variations of these stars.

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