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.

*deceased March 22, 2004