

A NEW DATA ACQUISITION SYSTEM FOR THE IAG
POLARIMETER

W.F. Velloso Jr., A.M. Magalhães, and C. Gneiding
Instituto Astronômico e Geofísico, USP
Brasil

ABSTRACT: The Instituto Astronômico e Geofísico (IAG) polarimeter has had its optics recently upgraded. Following the efforts to improve its efficiency and versatility, a new microcomputer based on-line data acquisition system has been recently installed. Its main features are described together with the now added capabilities of the instrument. A detailed description of the new software and hardware is being submitted to P.A.S.P..

Key words: Polarization, microcomputer, instrumentation

Clemens Gneiding, Antonio Mário Magalhães, and Walter F. Velloso Jr.: Instituto Astronômico e Geofísico, Universidade de São Paulo, Caixa Postal 30.627, CEP 01051, São Paulo SP, Brasil.