

ADS ONLY

175052

P-1

N94-22500

The IDL Astronomy User's Library

W.B. Landsman (Hughes/STX)

IDL (Interactive Data Language) is a commercial¹ programming, plotting, and image display language, which is widely used in astronomy. The IDL Astronomy User's Library is a central repository of over 400 astronomy-related IDL procedures accessible via anonymous FTP. I will overview the use of IDL within the astronomical community, and discuss recent enhancements to the IDL astronomy library. These enhancements include a fairly complete I/O package for FITS images and tables, an image deconvolution package and an image mosaic package, and access to IDL OpenWindows/Motif widgets interface. The IDL Astronomy Library is funded by NASA through the Astrophysics Software and Research Aids Program.

¹ - Research Systems Inc., Boulder, CO