AIPS COOKBOOK

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Figure(s) omitted to shorten PostScript file.

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ACKNOWLEDGMENTS

The *CookBook* cover design is by Pat Smiley of the NRAO Graphic Arts Department. It is based on a design suggested by John Bally of Bell Labs.

The image on the title page was converted from the *AIPS* television-like display to Encapsulated PostScript by the *AIPS* task TVCPS. It was then included in this TEX document (by psfig) and plotted on a Hewlett Packard LaserJet 4 PostScript printer. It is the green portion of the digitized image of a Mandrill which has become a standard in the image-processing field. PostScript is a registered trademark of Adobe Systems Incorporated.

The plot in Chapter 4 was generated with TVCPS in a similar manner. The plots at the ends of Chapters 6, 7, 8, and 9 were generated by various *AIPS* plotting tasks with task LWPLA used to convert the device-independent plot files into PostScript. The data displayed in Chapters 6 and 7 were provided by Bill Cotton for use with the *AIPS* VLAC test suite and by Alan Bridle for use with the *AIPS* DDT test suite, while the data in Chapter 8 were provided by Don Wells for use in testing spectral-line software. The editors thank these people for providing their data for our use.

This *CookBook* itself is based on an early users guide written by Alan Bridle. In 1983, it was typeset and edited by Eric Greisen using the TEX program, initially developed by Donald E. Knuth (*The TEXbook*, 1984, Addison-Wesley Publishing Company, Reading, Massachusetts). There were two editions of the *CookBook* in 1983, one in 1985, and one in 1986. The last, and most recent, previous edition was edited in 1990 by Bill Junor. For the present edition, Eric Greisen has resumed his rôle as editor, while numerous individuals have contibuted to the text. In particulare, Glen Langston and Andrea Cox have submitted outline guides to continuum and spectral-line data reduction which appear as Appendices A and B. The output of TEX is now converted to PostScript by dvips (from Radical Eye Software) and printed on a Hewlett Packard LaserJet 4 printer. The editors are grateful to Knuth for this program and, especially, for his decision to place it in the public domain.

This *CookBook* is now available on the Internet via the World-Wide Web. The current Table of Contents together with a revision history for the full 15APR98 *CookBook* is available at URL

`http://www.cv.nrao.edu/aips/cook.html`.

You should review this Web page occasionally to see if chapters important to you have been altered and, if so, why. You may use your favorite Web browser to click on any chapter you wish to receive and the PostScript version will (eventually) appear on your workstation.

Contents

List of Figures

List of Recipes