

# Table of Contents

<i>Preface</i> .....	<i>xi</i>
<b>1: Emacs Basics</b> .....	<b>1</b>
Introducing Emacs! .....	1
Understanding Files and Buffers .....	3
A Word About Modes .....	3
Starting Emacs .....	5
About the Emacs Screen .....	6
Emacs Commands .....	8
Opening a File .....	11
Saving Files .....	15
Leaving Emacs .....	16
Getting Help .....	16
Summary .....	18
<b>2: Editing Files</b> .....	<b>21</b>
Moving the Cursor .....	23
Deleting Text .....	28
Marking Text to Delete, Move, or Copy .....	32
Reformatting Paragraphs .....	38
Editing Tricks and Shortcuts .....	39
Stopping Commands and Undoing Changes .....	42
Making Emacs Work the Way You Want .....	45

<b>3: Search and Replace Operations</b> .....	<b>51</b>
Different Kinds of Searches .....	51
Search and Replace .....	57
Checking Spelling .....	66
Word Abbreviation Mode .....	74
<b>4: Using Buffers and Windows</b> .....	<b>83</b>
Files, Buffers, and Windows .....	83
Working with Multiple Buffers .....	85
Working with Windows .....	90
Holding Your Place with Bookmarks .....	103
Temporarily Suspending Emacs .....	108
Using Multiple X Windows .....	109
<b>5: Emacs as a Work Environment</b> .....	<b>115</b>
Executing UNIX Commands in Shell Buffers .....	115
Working with Files and Directories .....	126
Printing from Emacs .....	140
Reading Manpages in Emacs .....	141
Using Time Management Tools .....	142
Using Your Emacs Work Environment .....	150
<b>6: Email and Usenet News</b> .....	<b>151</b>
Working with Mail .....	151
Sending Mail from Within Emacs .....	152
Reading Mail from Within Emacs .....	160
Reading Usenet News with Gnus .....	178
<b>7: Emacs as an Internet Toolkit</b> .....	<b>199</b>
Using Telnet Mode .....	200
Using Ange-ftp Mode .....	203
Browsing the Web with W3 .....	207
<b>8: Simple Text Formatting and Specialized Editing</b> .....	<b>217</b>
Indenting Text .....	218
Centering Text .....	227
Inserting Page Breaks .....	229
Rectangle Editing .....	230

Making Simple Drawings .....	236
Using Outline Mode .....	245
<b>9: <i>Marking up Text with Emacs</i> .....</b>	<b>253</b>
Marking up Text for troff and nroff .....	254
Marking up Text for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X .....	261
Writing HTML .....	266
Using Html-helper Mode .....	267
<b>10: <i>Writing Macros</i> .....</b>	<b>283</b>
What Is a Macro? .....	283
Defining a Macro .....	284
Adding to an Existing Macro .....	290
Naming and Saving Your Macros .....	291
Executing a Named Macro .....	292
Building More Complicated Macros .....	293
Beyond Macros .....	297
<b>11: <i>Customizing Emacs</i> .....</b>	<b>299</b>
Keyboard Customization .....	300
Terminal Support .....	306
Emacs Variables .....	310
Emacs LISP Packages .....	311
Auto-Mode Customization .....	312
<b>12: <i>Emacs for Programmers</i> .....</b>	<b>315</b>
Language Modes .....	316
C and C++ Modes .....	322
The LISP Modes .....	334
FORTRAN Mode .....	341
Compiling Programs .....	345
<b>13: <i>Emacs LISP Programming</i> .....</b>	<b>349</b>
Introduction to LISP .....	350
LISP Primitive Functions .....	359
Useful Built-In Emacs Functions .....	363
Programming a Major Mode .....	377
Customizing Existing Modes .....	386
Building Your Own LISP Library .....	391

<i>14: Emacs and X</i> .....	395
User-Interface Features .....	395
Using Emacs with X Fonts and Colors .....	398
X Display Customizations .....	400
Customizing via Your .Xdefaults File .....	401
Properties, Frames, Menus, and Mouse Events .....	402
Communicating with the X Server .....	411
A Note on Good X Programming Style .....	411
<i>15: Version Control Under Emacs</i> .....	413
The Uses of Version Control .....	413
Version Control Concepts .....	414
How VC Helps with Basic Operations .....	415
Editing Comment Buffers .....	417
VC Command Summary .....	417
VC Mode Indicators .....	418
Which Version Control System? .....	418
Individual VC Commands .....	419
Customizing VC .....	424
Extending VC .....	426
What VC Is Not .....	426
Using VC Effectively .....	427
<i>16: Online Help</i> .....	429
Completion .....	429
Help Commands .....	433
Help in Complex Emacs Commands .....	439
<i>A: How to Get Emacs</i> .....	441
<i>B: Making Emacs Work the Way You Think It Should</i> .....	449
<i>C: Emacs Variables</i> .....	451
<i>D: Emacs LISP Packages</i> .....	461

<i>E: Bugs and Bug Fixes</i> .....	469
<i>F: Public Statements</i> .....	471
<i>G: Give and It Shall Be Given</i> .....	483
<i>H: Quick Reference</i> .....	485
<i>Glossary</i> .....	501
<i>Index</i> .....	509