xviii Contents

		Errors	600
		Functions	601
		Classification Macros	602
		Trigonometric Functions	603
		Hyperbolic Functions	603
		Exponential and Logarithmic Functions	604
		Power and Absolute Value Functions	605
		Error and Gamma Functions	606
		Nearest Integer Functions	606
		Remainder Functions	608
		Manipulation Functions	608
		Maximum, Minimum, and Positive Difference Functions	609
		Floating Multiply-Add	610
		Comparison Macros	611
	23.5	The <ctype.h> Header: Character Handling</ctype.h>	612
		Character-Classification Functions	612
		Program: Testing the Character-Classification Functions	613
		Character Case-Mapping Functions	614
		Program: Testing the Case-Mapping Functions	614
	23.6	The <string.h> Header: String Handling</string.h>	615
		Copying Functions	616
		Concatenation Functions	617
		Comparison Functions	617
		Search Functions	619
		Miscellaneous Functions	622
24	ERROR HANDLING		627
	24.1	The <assert.h> Header: Diagnostics</assert.h>	628
	24.2	The <errno.h> Header: Errors</errno.h>	629
		The perror and strerror Functions	630
	24.3		631
		Signal Macros	631
		The signal Function	632
		Predefined Signal Handlers	633
		The raise Function	634
		Program: Testing Signals	634
	24.4	The <setjmp.h> Header: Nonlocal Jumps</setjmp.h>	635
		Program: Testing setjmp/longjmp	636
25	INTERNATIONAL FEATURES		641
	25.1	The <locale.h> Header: Localization</locale.h>	642
	2 J. I	Categories	642
		The setlocale Function	643
		The localecony Function	644
	25.2	Multibyte Characters and Wide Characters	647
	LJ.L	Widthy to Ollaractors and Wide Ollaractors	O-TI