

# ISO/IEC 29500-1 Technical Corrigendum 1:2010-05 (E)

## Information technology\_ - Document description and processing languages\_ - Office Open XML File Formats\_ - Part\_1: Fundamentals and Markup Language Reference; Technical Corrigendum\_1

---

### Contents

Changes.....	1
1. §3, “Normative References”, p. 8.....	1
2. §3, “Normative References”, p. 10.....	1
3. §3, “Normative References”, p. 10.....	1
4. §3, “Normative References”, p. 11.....	1
5. §4, “Terms and Definitions”, p. 12.....	1
6. §4, “Terms and Definitions”, p. 13.....	1
7. §5, “Notational Conventions”, p. 14.....	1
8. §7, “General Description”, p. 16.....	2
9. §8.1, “Packages and Parts”, p. 17.....	2
10. §9.2, “Relationships in Office Open XML”, p. 23.....	2
11. §10.1.2, “Office Open XML Native Extensibility Constructs”, p. 28.....	2
12. §11.3.1, “Alternative Format Import Part”, p. 32.....	2
13. §11.3.11, “Numbering Definitions Part”, p. 55.....	2
14. §11.3.11, “Numbering Definitions Part”, p. 55.....	3
15. §11.3.11, “Numbering Definitions Part”, p. 55.....	3
16. §11.3.12, “Style Definitions Part”, p. 55.....	3
17. §11.3.12, “Style Definitions Part”, p. 56.....	3
18. §11.6, “Master Documents and Subdocuments”, p. 59.....	3
19. §12.3.7, “Dialogsheet Part”, p. 76.....	4
20. §12.3.7, “Dialogsheet Part”, p. 76.....	4
21. §12.3.9, “External Workbook References Part”, p. 79.....	4
22. §12.3.10, “Metadata Part”, pp. 82–83.....	4
23. §12.3.12, “Pivot Table Cache Definition Part”, p. 85.....	4
24. §12.3.20, “Styles Part”, p. 94.....	4
25. §12.3.23, “Workbook Part”, p. 98.....	5
26. §12.3.24, “Worksheet Part”, p. 101.....	5
27. §15.2.15, “Printer Settings Part”, p. 162.....	5
28. §17.2.1, “background (Document Background)”, p. 193, attribute color.....	5
29. §17.3.1.12, “ind (Paragraph Indentation)”, p. 226.....	5
30. §17.3.1.13, “jc (Paragraph Alignment)”, p. 231.....	5

31.	§17.3.1.27, “pStyle (Referenced Paragraph Style)”, p. 253 .....	5
32.	§17.3.1.27, “pStyle (Referenced Paragraph Style)”, p. 253, attribute val.....	6
33.	§17.3.1.30, “rPr (Previous Run Properties for the Paragraph Mark)”, p. 258 .....	6
34.	§17.3.1.37, “tab (Custom Tab Stop)”, p. 269 .....	6
35.	§17.3.1.37, “tab (Custom Tab Stop)”, p. 270, attribute pos .....	6
36.	§17.3.1.37, “tab (Custom Tab Stop)”, p. 270, attribute val .....	6
37.	§17.3.1.38, “tabs (Set of Custom Tab Stops)”, p. 271 .....	6
38.	§17.3.1.39, “textAlignment (Vertical Character Alignment on Line)”, p. 272, attribute val.....	7
39.	§17.3.1.40, “textboxTightWrap (Allow Surrounding Paragraphs to Tight Wrap to Text Box Contents)”, p. 273.....	7
40.	§17.3.1.41, “textDirection (Paragraph Text Flow Direction)”, p. 275 .....	7
41.	§17.3.1.41, “textDirection (Paragraph Text Flow Direction)”, p. 275, attribute val.....	7
42.	§17.3.2.5, “caps (Display All Characters As Capital Letters)”, p. 285 .....	8
43.	§17.3.2.26, “rFonts (Run Fonts)”, p. 317, attribute cs.....	8
44.	§17.3.2.26, “rFonts (Run Fonts)”, p. 318, attribute cstheme.....	8
45.	§17.3.2.27, “rPr (Previous Run Properties)”, p. 321.....	8
46.	§17.3.2.28, “rPr (Run Properties)”, p. 323 .....	8
47.	§17.3.2.29, “rStyle (Referenced Character Style)”, p. 326, attribute val .....	9
48.	§17.3.2.33, “smallCaps (Small Caps)”, p. 330.....	9
49.	§17.3.3.18, “noBreakHyphen (Non Breaking Hyphen Character)”, pp. 363–364.....	9
50.	§17.3.3.20, “objectEmbed (Embedded Object Properties)”, p. 366, attribute fieldCodes .....	11
51.	§17.3.3.21, “objectLink (Linked Object Properties)”, p. 368, attribute fieldCodes .....	12
52.	§17.3.3.23, “ptab (Absolute Position Tab Character)”, p. 371.....	12
53.	§17.3.3.32, “tab (Tab Character)”, p. 383 .....	12
54.	§17.3.4, “Border Properties (CT_Border)”, p. 388, attribute themeShade .....	12
55.	§17.4, “Tables”, p. 399 .....	12
56.	§17.4.18, “header (Header Cell Reference)”, p. 431, attribute val.....	13
57.	§17.4.22, “hMerge (Horizontally Merged Cell)”, p. 436 .....	13
58.	§17.4.22, “hMerge (Horizontally Merged Cell)”, p. 436, attribute val.....	13
59.	§17.4.27, “jc (Table Alignment Exception)”, p. 441.....	14
60.	§17.4.28, “jc (Table Row Alignment)”, p. 442 .....	14
61.	§17.4.29, “jc (Table Alignment)”, p. 443 .....	14
62.	§17.4.31, “shd (Table Shading Exception)”, p. 446 .....	14

63.	§17.4.38, “tbl (Table)”, p. 453 .....	14
64.	§17.4.39, “tblBorders (Table Borders)”, p. 455 .....	14
65.	§17.4.40, “tblBorders (Table Borders Exceptions)”, p. 457 .....	15
66.	§17.4.41, “tblCaption (Table Caption)”, p. 458, attribute val.....	15
67.	§17.4.42, “tblCellMar (Table Cell Margin Exceptions)”, p. 459 .....	15
68.	§17.4.43, “tblCellMar (Table Cell Margin Defaults)”, p. 460 .....	15
69.	§17.4.47, “tblDescription (Table Description)”, p. 465, attribute val .....	16
70.	§17.4.51, “tblInd (Table Indent from Leading Margin)”, p. 469 .....	16
71.	§17.4.59, “tblPr (Previous Table Properties)”, p. 483 .....	16
72.	§17.4.60, “tblPr (Table Properties)”, p. 485.....	16
73.	§17.4.61, “tblPrEx (Table-Level Property Exceptions)”, p. 487.....	17
74.	§17.4.62, “tblPrEx (Previous Table-Level Property Exceptions)”, p. 489 .....	17
75.	§17.4.63, “tblStyle (Referenced Table Style)”, p. 491, attribute val.....	18
76.	§17.4.65, “tblW (Preferred Table Width Exception)”, p. 493 .....	18
77.	§17.4.66, “tc (Table Cell)”, pp. 494–495 .....	18
78.	§17.4.67, “tcBorders (Table Cell Borders)”, p. 499.....	18
79.	§17.4.69, “tcMar (Single Table Cell Margins)”, p. 501.....	19
80.	§17.4.70, “tcPr (Table Cell Properties)”, p. 502 .....	19
81.	§17.4.73, “textDirection (Table Cell Text Flow Direction)”, p. 507.....	19
82.	§17.4.73, “textDirection (Table Cell Text Flow Direction)”, p. 508, attribute val .....	20
83.	§17.4.79, “tr (Table Row)”, pp. 512–513 .....	20
84.	§17.4.85, “vMerge (Vertically Merged Cell)”, pp. 523–524.....	21
85.	§17.4.85, “vMerge (Vertically Merged Cell)”, pp. 523–524, attribute val .....	22
86.	§17.4.88, “Table Measurement (CT_TblWidth)”, p. 527 .....	22
87.	§17.5, “Custom Markup”, p. 528 .....	22
88.	§17.5.1, “Custom XML and Smart Tags”, p. 529.....	22
89.	§17.5.1, “Custom XML and Smart Tags”, p. 529.....	22
90.	§17.5.1, “Custom XML and Smart Tags”, p. 530.....	22
91.	§17.5.1.1, “attr (Custom XML Attribute)”, p. 531 .....	22
92.	§17.5.1.1, “attr (Custom XML Attribute)”, p. 531 .....	23
93.	§17.5.1.3, “customXml, Inline-Level Custom XML Element”, p. 534 .....	23
94.	§17.5.1.8, “placeholder (Custom XML Element Placeholder Text)”, p. 545–546, attribute val .....	23

95.	§17.5.1.9, “SmartTag, Inline-Level Smart Tag”, p. 547 .....	23
96.	§17.5.2.1, “alias (Friendly Name)”, p. 551, attribute val .....	24
97.	§17.5.2.5, “comboBox (Combo Box Structured Document Tag)”, p. 554 .....	24
98.	§17.5.2.5, “comboBox (Combo Box Structured Document Tag)”, pp. 555–556.....	24
99.	§17.5.2.8, “dateFormat (Date Display Mask)”, p. 562, attribute val .....	25
100.	§17.5.2.9, “docPart (Document Part Reference)”, p. 563, attribute val .....	25
101.	§17.5.2.10, “docPartCategory (Document Part Category Filter)”, p. 564–565, attribute val .....	25
102.	§17.5.2.11, “docPartGallery (Document Part Gallery Filter)”, p. 566, attribute val.....	26
103.	§17.5.2.15, “dropDownList (Drop-Down List Structured Document Tag)”, p. 570.....	26
104.	§17.5.2.31, “sdt, Inline-Level Structured Document Tag”, p. 590 .....	26
105.	§17.5.2.42, “tag (Programmatic Tag)”, p. 606, attribute val .....	27
106.	§17.6.11, “pgMar (Page Margins)”, p. 641.....	27
107.	§17.6.2, “bottom (Bottom Border)”, p. 617, attribute themeShade .....	27
108.	§17.6.5, “docGrid (Document Grid)”, p. 623.....	27
109.	§17.6.5, “docGrid (Document Grid)”, p. 626, attribute value type.....	27
110.	§17.6.7, “left (Left Border)”, p. 632, attribute themeShade.....	27
111.	§17.6.15, “right (Right Border)”, p. 655, attribute themeShade .....	28
112.	§17.6.20, “textDirection (Text Flow Direction)”, p. 667 .....	28
113.	§17.6.20, “textDirection (Text Flow Direction)”, p. 667, attribute val.....	28
114.	§17.6.21, “top (Top Border)”, p. 673, attribute themeShade.....	28
115.	§17.7.4, “General Style Properties”, p. 683 .....	29
116.	§17.7.4, “General Style Properties”, p. 683 .....	29
117.	§17.7.4.1, “aliases (Alternate Style Names)”, p. 684, attribute val .....	29
118.	§17.7.4.3, “basedOn (Parent Style ID)”, p. 688, attribute val.....	30
119.	§17.7.4.6, “link (Linked Style Reference)”, p. 694, attribute val .....	30
120.	§17.7.4.9, “name (Primary Style Name)”, p. 699, attribute val .....	30
121.	§17.7.4.10, “next (Style For Next Paragraph)”, p. 701, attribute val .....	31
122.	§17.7.4.17, “style (Style Definition)”, pp. 706–707 .....	31
123.	§17.7.4.17, “style (Style Definition)”, p. 707.....	31
124.	§17.7.4.17, “style (Style Definition)”, p. 708.....	32
125.	§17.7.5, “Document Defaults”, p. 715 .....	32
126.	§17.7.5.1, “docDefaults (Document Default Paragraph and Run Properties)”, p. 716 .....	32

127.	§17.7.5.1, “docDefaults (Document Default Paragraph and Run Properties)”, p. 716 .....	32
128.	§17.7.6, “Table Styles”, p. 724.....	33
129.	§17.7.6, “Table Styles”, p. 725.....	33
130.	§17.7.6.8, “tcPr (Table Style Conditional Formatting Table Cell Properties)”, p. 736 .....	34
131.	§17.7.8, “Paragraph Styles”, p. 742 .....	34
132.	§17.7.8.1, “Numbering in Paragraph Styles”, p. 744.....	34
133.	§17.7.9, “Run (Character) Styles”, p. 747.....	34
134.	§17.8.3.1, “altName (Alternate Names for Font)”, p. 752, attribute val .....	35
135.	§17.8.3.13, “panose1 (Panose-1 Typeface Classification Number)”, p. 766 .....	35
136.	§17.9, “Numbering”, p. 773.....	35
137.	§17.9, “Numbering”, p. 773.....	35
138.	§17.9.1, “abstractNum (Abstract Numbering Definition)”, p. 774 .....	35
139.	§17.9.1, “abstractNum (Abstract Numbering Definition)”, pp. 774–775.....	36
140.	§17.9.1, “abstractNum (Abstract Numbering Definition)”, p. 775, attribute abstractNumId .....	36
141.	§17.9.5, “legacy (Legacy Numbering Level Properties)”, p. 780 .....	36
142.	§17.9.5, “legacy (Legacy Numbering Level Properties)”, p. 780 .....	36
143.	§17.9.6, “lvl (Numbering Level Override Definition)”, p. 782.....	36
144.	§17.9.6, “lvl (Numbering Level Override Definition)”, pp. 782–783.....	37
145.	§17.9.6, “lvl (Numbering Level Override Definition)”, p. 783.....	37
146.	§17.9.8, “lvlJc (Justification)”, p. 788.....	37
147.	§17.9.9, “lvlOverride (Numbering Level Definition Override)”, p. 790.....	37
148.	§17.9.9, “lvlOverride (Numbering Level Definition Override)”, pp. 790–791 .....	38
149.	§17.9.9, “lvlOverride (Numbering Level Definition Override)”, p. 791.....	38
150.	§17.9.9, “lvlOverride (Numbering Level Definition Override)”, pp. 791–792, attribute ilvl.....	38
151.	§17.9.11, “lvlRestart (Restart Numbering Level Symbol)”, pp. 793-794.....	38
152.	§17.9.11, “lvlRestart (Restart Numbering Level Symbol)”, pp. 793–794 .....	39
153.	§17.9.14, “name (Abstract Numbering Definition Name)”, p. 799, attribute val .....	39
154.	§17.9.16, “num (Numbering Definition Instance)”, p. 802.....	39
155.	§17.9.18, “num (Numbering Definition Instance)”, p. 802.....	40
156.	§17.9.18, “numFmt (Numbering Format)”, p. 804 .....	40
157.	§17.9.18, “numFmt (Numbering Format)”, p. 804 .....	40
158.	§17.9.18, “numFmt (Numbering Format)”, p. 804 .....	40

159.	§17.9.22, “numStyleLink (Numbering Style Reference)”, p. 809, attribute val.....	41
160.	§17.9.23, “pPr (Numbering Level Associated Paragraph Properties)”, p. 810 .....	41
161.	§17.9.24, “pStyle (Paragraph Style’s Associated Numbering Level)”, p. 812 .....	41
162.	§17.9.24, “pStyle (Paragraph Style’s Associated Numbering Level)”, p. 813, attribute val.....	42
163.	§17.9.28, “styleLink (Numbering Style Definition)”, p. 819, attribute val .....	42
164.	§17.11.4, “endnotePr (Document-Wide Endnote Properties)”, p. 845.....	42
165.	§17.11.6, “endnoteRef (Endnote Reference Mark)”, p. 848.....	42
166.	§17.11.17, “numFmt (Endnote Numbering Format)”, p. 866 .....	43
167.	§17.11.18, “numFmt (Footnote Numbering Format)”, p. 867 .....	43
168.	§17.12.4, “description (Description for Entry)”, p. 881, attribute val.....	43
169.	§17.12.9, “gallery (Gallery Associated With Entry)”, p. 888 .....	43
170.	§17.12.12, “name (Category Associated With Entry)”, p. 891.....	43
171.	§17.12.12, “name (Category Associated With Entry)”, p. 891, attribute val .....	44
172.	§17.12.14, “style (Associated Paragraph Style Name)”, p. 894, attribute val.....	44
173.	§17.13.4.2, “comment (Comment Content)”, p. 905, attribute initials .....	44
174.	§17.13.4.2, “comment (Comment Content)”, p. 905, attribute initials .....	44
175.	§17.13.5.13, “del (Deleted Math Control Character)”, p. 949 .....	44
176.	§17.13.5.16, “ins (Inserted Math Control Character)”, p. 957.....	45
177.	§17.13.5.34, “tblPrChange (Revision Information for Table Properties)”, p. 1014 .....	45
178.	§17.13.5.36, “tcPrChange (Revision Information for Table Cell Properties)”, p. 1018.....	45
179.	§17.14.3, “addressFieldName (Column Containing E-mail Address)”, p. 1050, attribute val.....	46
180.	§17.14.8, “connectString (Data Source Connection String)”, p. 1056, attribute val .....	46
181.	§17.14.21, “mailSubject (Merged E-mail or Fax Subject Line)”, p. 1070, attribute val .....	46
182.	§17.14.23, “mappedName (Predefined Merge Field Name)”, p. 1072 .....	47
183.	§17.14.23, “mappedName (Predefined Merge Field Name)”, p. 1073, attribute val.....	47
184.	§17.14.24, “name (Data Source Name for Column)”, p. 1074, attribute val .....	47
185.	§17.14.26, “query (Query For Data Source Records To Merge)”, p. 1077, attribute val .....	48
186.	§17.14.31, “table (Data Source Table Name)”, p. 1084, attribute val .....	48
187.	§17.14.34, “udl (UDL Connection String)”, p. 1088, attribute val.....	48
188.	§17.15.1.1, “activeWritingStyle (Grammar Checking Settings)”, p. 1091 .....	48
189.	§17.15.1.5, “attachedSchema (Attached Custom XML Schema)”, p. 1096, attribute val.....	49
190.	§17.15.1.7, “autoCaption (Single Automatic Captioning Setting)”, p. 1098 .....	49

191.	§17.15.1.8, “autoCaptions (Automatic Captioning Settings)”, p. 1101.....	49
192.	§17.15.1.11, “bookFoldPrinting (Book Fold Printing)”, p. 1104 .....	50
193.	§17.15.1.13, “bookFoldRevPrinting (Reverse Book Fold Printing)”, p. 1108 .....	50
194.	§17.15.1.16, “caption (Single Caption Type Definition)”, p. 1114, attribute chapNum .....	50
195.	§17.15.1.16, “caption (Single Caption Type Definition)”, p. 1115, attribute heading.....	50
196.	§17.15.1.18, “captions (Caption Settings)”, p. 1122 .....	50
197.	§17.15.1.19, “clickAndTypeStyle (Paragraph Style Applied to Automatically Generated Paragraphs)”, p. 1125, attribute val.....	51
198.	§17.15.1.23, “decimalSymbol (Radix Point for Field Code Evaluation)”, p. 1133, attribute val .....	51
199.	§17.15.1.24, “defaultTableStyle (Default Table Style for Newly Inserted Tables)”, p. 1134, attribute val.....	51
200.	§17.15.1.29, “documentProtection (Document Editing Restrictions)”, p. 1144 .....	52
201.	§17.15.1.44, “drawingGridHorizontalOrigin (Drawing Grid Horizontal Origin Point)”, p. 1158 .....	52
202.	§17.15.1.46, “drawingGridVerticalOrigin (Drawing Grid Vertical Origin Point)”, p. 1160.....	52
203.	§17.15.1.54, “ignoreMixedContent (Ignore Mixed Content When Validating Custom XML Markup)”, p. 1168 .....	53
204.	§17.15.1.56, “listSeparator (List Separator for Field Code Evaluation)”, p. 1169, attribute val .....	54
205.	§17.15.1.57, “mirrorMargins (Mirror Page Margins)”, p. 1170 .....	54
206.	§17.15.1.64, “printTwoOnOne (Print Two Pages Per Sheet)”, p. 1177 .....	54
207.	§17.15.1.74, “saveInvalidXml (Allow Saving Document As XML File When Custom XML Markup Is Invalid)”, p. 1191 55	
208.	§17.15.1.77, “saveXmlDataOnly (Only Save Custom XML Markup)”, p. 1194 .....	55
209.	§17.15.1.77, “saveXmlDataOnly (Only Save Custom XML Markup)”, p. 1194 .....	55
210.	§17.15.1.93, “writeProtection (Write Protection)”, p. 1213 .....	55
211.	§17.15.2, “Web Page Settings”, p. 1219 .....	56
212.	§17.15.2.13, “doNotUseLongFileNames”, p. 1237 .....	56
213.	§17.15.2.14, “encoding (Output Encoding When Saving as Web Page)”, p. 1239, attribute val .....	57
214.	§17.15.2.17, “frameLayout (Frameset Layout)”, p. 1244, attribute val .....	57
215.	§17.15.2.30, “name (Frame Name)”, p. 1265, attribute val .....	57
216.	§17.15.2.40, “sz (Frame Size)”, p. 1280, attribute val .....	57
217.	§17.15.2.41, “sz (Nested Frameset Size)”, p. 1281, attribute val .....	58
218.	§17.15.2.43, “title (Frame or Frameset Title)”, p. 1284, attribute val .....	58
219.	§17.15.2.46, “webSettings (Web Page Settings)”, p. 1288.....	58
220.	§17.16.1, “Syntax”, p. 1301 .....	58
221.	§17.16.1, “Syntax”, p. 1303 .....	59

222.	§17.16.1, “Syntax”, p. 1304 .....	59
223.	§17.16.5, “Field definitions”, p. 1341, category User Information .....	59
224.	§17.16.5.1, “ADDRESSBLOCK”, p. 1342, switch \d .....	59
225.	§17.16.5.1, “ADDRESSBLOCK”, p. 1342, switch \f.....	59
226.	§17.16.5.1, “ADDRESSBLOCK”, p. 1343, switch \l .....	59
227.	§17.16.5.13, “DATE”, p. 1353, switch \l.....	59
228.	§17.16.5.18, “FILESIZE”, p. 1358 .....	59
229.	§17.16.5.33, “LISTNUM”, p. 1369 .....	60
230.	§17.16.5.49, “QUOTE”, p. 1382 .....	60
231.	§17.16.10, “default (Default Text Box Form Field String)”, p. 1406, attribute val .....	60
232.	§17.16.17, “ffData (Form Field Properties)”, p. 1413.....	60
233.	§17.16.18, “fldChar (Complex Field Character)”, p. 1415.....	60
234.	§17.16.18, “fldChar (Complex Field Character)”, p. 1416, attribute dirty.....	61
235.	§17.16.18, “fldChar (Complex Field Character)”, p. 1417, attribute fldLock.....	61
236.	§17.16.19, “fldSimple, Simple Field”, p. 1418.....	61
237.	§17.16.20, “format (Text Box Form Field Formatting)”, p. 1421, attribute val.....	61
238.	§17.16.22, “hyperlink, Hyperlink”, p. 1424.....	61
239.	§17.16.25, “listEntry (Drop-Down List Entry)”, p. 1432, attribute val .....	62
240.	§17.18.3, “ST_BrClear (Line Break Text Wrapping Restart Location)”, pp. 1508–1509.....	62
241.	§17.18.3, “ST_BrClear (Line Break Text Wrapping Restart Location)”, p. 1509 .....	63
242.	§17.18.14, “ST_DocGrid (Document Grid Types)”, p. 1520 .....	63
243.	§17.18.14, “ST_DocGrid (Document Grid Types)”, p. 1521, enumeration snapTOCars .....	64
244.	§17.18.16, “ST_DocPartGallery (Entry Gallery Types)”, p. 1523.....	64
245.	§17.18.25, “ST_FFHelpTextVal”, p. 1534 .....	64
246.	§17.18.26, ST_FFName, p. 1535.....	64
247.	§17.18.44, “ST_Jc (Horizontal Alignment Type)”, p. 1554 .....	64
248.	§17.18.51, “ST_MacroName”, p. 1563.....	64
249.	§17.18.57, “ST_Merge (Merged Cell Type)”, pp. 1569–1570.....	65
250.	§17.18.59, “ST_NumberFormat (Numbering Format)”, p. 1574, enumeration value arabicAlpha .....	65
251.	§17.18.59, “ST_NumberFormat (Numbering Format)”, p. 1584, enumeration value decimalFullWidth2 .....	66
252.	§17.18.59, “ST_NumberFormat (Numbering Format)”, p. 1587, enumeration value hebrew1 .....	66
253.	§17.18.59, “ST_NumberFormat (Numbering Format)”, p. 1590, enumeration value hindiConsonants.....	66

254.	§17.18.59, “ST_NumberFormat (Numbering Format)”, p. 1591, enumeration value hindiNumbers.....	66
255.	§17.18.59, “ST_NumberFormat (Numbering Format)”, p. 1592, enumeration value hindiVowels.....	66
256.	§17.18.59, “ST_NumberFormat (Numbering Format)”, p. 1613, enumeration value thaiLetters .....	67
257.	§17.18.78, “ST_Shdt (Shading Patterns)”, p. 1633 .....	67
258.	§17.18.84, “ST_TabJc (Custom Tab Stop Type)”, p. 1651 .....	67
259.	§17.18.93, “ST_TextDirection (Text Flow Direction)”, p. 1665 .....	67
260.	§17.18.93, “ST_TextDirection (Text Flow Direction)”, p. 1665 .....	67
261.	§17.18.93, “ST_TextDirection (Text Flow Direction)”, p. 1666 .....	67
262.	§17.18.98, “ST_UcharHexNumber (Two Digit Hexadecimal Value)”, p. 1672 .....	68
263.	§18.2.3, “customWorkbookView (Custom Workbook View)”, p. 1709–1710, attribute autoUpdate .....	68
264.	§18.2.5, “definedName (Defined Name)”, p. 1719, new attribute.....	68
265.	§18.2.20, “sheets (Sheets)”, p. 1733.....	68
266.	§18.2.24, “webPublishing”, p. 1736.....	68
267.	§18.2.27, “workbook (Workbook)”, p. 1739.....	69
268.	§18.3.1.2, “autoFilter (AutoFilter Settings)”, p. 1758.....	69
269.	§18.3.1.3, “brk (Break)”, p. 1759, attribute man .....	69
270.	§18.3.1.10, “cfRule (Conditional Formatting Rule)”, pp. 1765–1766, various attributes .....	69
271.	§18.3.1.11, “cfvo (Conditional Format Value Object)”, p. 1768, attribute gte.....	70
272.	§18.3.1.25, “customSheetView (Custom Sheet View)”, p. 1786 .....	70
273.	§18.3.1.29, “dataConsolidate (Data Consolidate)”, p. 1790, new attribute .....	70
274.	§18.3.1.32, “dataValidation (Data Validation)”, p. 1791, attribute allowBlank.....	70
275.	§18.3.1.38, “evenFooter (Even Page Footer)”, p. 1802, new attribute.....	71
276.	§18.3.1.39, “evenHeader”, p. 1804 .....	71
277.	§18.3.1.40, “f (Formula)”, p. 1806, attribute aca .....	71
278.	§18.3.1.40, “f (Formula)”, p. 1807, attribute r2 .....	71
279.	§18.3.1.40, “f (Formula)”, p. 1808, new attribute.....	71
280.	§18.3.1.41, “firstFooter (First Page Footer)”, p. 1808 .....	71
281.	§18.3.1.41, “firstFooter (First Page Footer)”, p. 1808, new attribute.....	72
282.	§18.3.1.42, “firstHeader (First Page Header)”, p. 1808 .....	72
283.	§18.3.1.42, “firstHeader (First Page Header)”, p. 1809, new attribute.....	72
284.	§18.3.1.43, “formula (Formula)”, p. 1809, new attribute .....	72
285.	§18.3.1.44, “formula1 (Formula 1)”, p. 1809, new attribute.....	73

286.	§18.3.1.45, “formula2 (Formula 2)”, p. 1810, new attribute.....	73
287.	§18.3.1.49, “iconSet (Icon Set)”, p. 1813, attribute reverse.....	73
288.	§18.3.1.57, “oddFooter (Odd Page Footer)”, p. 1823, new attribute .....	73
289.	§18.3.1.58, “oddHeader (Odd Header)”, p. 1823, new attribute .....	74
290.	§18.3.1.63, “pageSetup (Page Setup Settings)”, p. 1827.....	74
291.	§18.3.1.63, “pageSetup (Page Setup Settings)”, p. 1830.....	74
292.	§18.3.1.63, “pageSetup (Page Setup Settings)”, p. 1830, attribute paperSize.....	74
293.	§18.3.1.64, “pageSetup (Chart Sheet Page Setup)”, p. 1832.....	76
294.	§18.3.1.64, “pageSetup (Chart Sheet Page Setup)”, p. 1834.....	76
295.	§18.3.1.73, “row (Row)”, p. 1848, various attributes .....	77
296.	§18.3.1.75, “scenario (Scenario)”, p. 1854.....	77
297.	§18.3.1.85, “sheetProtection (Sheet Protection Options)”, p. 1870, attribute scenarios .....	77
298.	§18.3.1.96, “v (Cell Value)”, p. 1884, new attribute .....	77
299.	§18.3.2.1, “colorFilter (Color Filter Criteria)”, p. 1888, attribute cellColor .....	78
300.	§18.3.2.2, “customFilter (Custom Filter Criteria)”, p. 1888 .....	78
301.	§18.3.2.3, “customFilters (Custom Filters)”, p. 1889, attribute and.....	78
302.	§18.3.2.5, “dynamicFilter (Dynamic Filter)”, pp. 1891–1892, attribute various .....	78
303.	§18.4.12, “t (Text)”, p. 1906, new attribute.....	79
304.	§18.5.1.1, “calculatedColumnFormula (Calculated Column Formula)”, p. 1909, new attribute .....	79
305.	§18.7.1, “author (Author)”, p. 1929, new attribute .....	79
306.	§18.8.1, “alignment (Alignment)”, p. 1936, attribute indent .....	79
307.	§18.8.5, “borders (Borders)”, p. 1943.....	80
308.	§18.8.29, “name (Font Name)”, p. 1965 .....	80
309.	§18.8.31, “numFmts (Number Formats)”, p. 1974.....	80
310.	§18.10.1.10, “calculatedMember (Calculated Member)”, p. 2030.....	81
311.	§18.10.1.45, “item (PivotTable Field Item)”, p. 2071 .....	81
312.	§18.10.1.46, “items (Field Items)”, p. 2072.....	81
313.	§18.10.1.67, “pivotCacheDefinition (PivotCache Definition)”, pp. 2093–2094.....	81
314.	§18.10.1.67, “pivotCacheDefinition (PivotCache Definition)”, p. 2096, attribute refreshedDateIso .....	81
315.	§18.10.1.73, “pivotTableDefinition (PivotTable Definition)”, p. 2142, attribute printDrill.....	81
316.	§18.10.1.73, “pivotTableDefinition (PivotTable Definition)”, p. 2146, attribute useAutoFormatting .....	82
317.	§18.10.1.90, “sharedItems (Shared Items)”, p. 2167 .....	82

318.	§18.14.11, “oleLink (Generic Object Link Connection)”, p. 2251, attribute progld .....	82
319.	§18.17.2.1, “Constants”, p. 2276 .....	82
320.	§18.17.2.1, “Constants”, p. 2276 .....	82
321.	§18.17.2.1, “Constants”, p. 2277 .....	82
322.	§18.17.2.3, “Cell References”, p. 2281.....	83
323.	§18.17.2.3.1, “A1-Style Cell References”, p. 2285.....	83
324.	§18.17.3, “Error values”, p. 2292.....	83
325.	§18.17.5.2, “Precision”, p. 2296 .....	83
326.	§18.17.5.4, “Interpretation”, p. 2297 .....	83
327.	§18.17.6.5, “Name Representation”, p. 2300 .....	84
328.	§18.17.7.2, “ACCRINT”, p. 2306, value 0 or omitted .....	84
329.	§18.17.7.2, “ACCRINT”, p. 2307, value 4.....	84
330.	§18.17.7.28, “BETAINV”, p. 2333.....	84
331.	§18.17.7.37, “CHIINV”, p. 2347.....	84
332.	§18.17.7.49, “CORREL”, p. 2360 .....	84
333.	§18.17.7.63, “COVAR”, p. 2382 .....	84
334.	§18.17.7.66, “CUBEMEMBER”, p. 2385, name member-expression.....	84
335.	§18.17.7.74, “DATE”, p. 2393, name year .....	85
336.	§18.17.7.76, “DATEVALUE”, pp. 2396–2397 .....	85
337.	§18.17.7.76, “DATEVALUE”, p. 2397, name date-time-string.....	85
338.	§18.17.7.89, “DEVSQ”, p. 2410 .....	85
339.	§18.17.7.110, “ERROR.TYPE”, p. 2429 .....	85
340.	§18.17.7.121, “FINV”, p. 2438 .....	85
341.	§18.17.7.126, “FORECAST”, p. 2442 .....	85
342.	§18.17.7.132, “GAMMAINV”, p. 2447 .....	86
343.	§18.17.7.170, “INTERCEPT”, p. 2482.....	86
344.	§18.17.7.173, “IRR”, p. 2487 .....	86
345.	§18.17.7.195, “LINEST”, p. 2500 .....	86
346.	§18.17.7.230, “NORMINV”, p. 2534 .....	86
347.	§18.17.7.232, “NORMSINV”, p. 2535.....	87
348.	§18.17.7.247, “PEARSON”, p. 2557.....	87
349.	§18.17.7.283, “RSQ”, p. 2593 .....	87

350.	§18.17.7.292, "SKEW", p. 2600.....	87
351.	§18.17.7.294, "STDEVA", p. 2602 .....	87
352.	§18.17.7.298, "STANDARDIZE", p. 2605, name mean .....	87
353.	§18.17.7.298, "STANDARDIZE", p. 2605, name standard-dev .....	88
354.	§18.17.7.299, "STDEV", p. 2605.....	88
355.	§18.17.7.300, "STDEVA", p. 2606 .....	88
356.	§18.17.7.301, "STDEVP", p. 2607.....	88
357.	§18.17.7.302, "STDEVPA", p. 2608 .....	88
358.	§18.17.7.303, "STEYX", p. 2609 .....	88
359.	§18.17.7.324, "TIMEVALUE", p. 2627 .....	88
360.	§18.17.7.338, "VAR", p. 2636 .....	88
361.	§18.17.7.339, "VARA", p. 2637 .....	89
362.	§18.17.7.340, "VARP", p. 2638 .....	89
363.	§18.17.7.341, "VARPA", p. 2639.....	89
364.	§18.17.7.356, "ZTEST", p. 2663.....	89
365.	§18.18.26, "ST_DynamicFilterType (Dynamic Filter)", p. 2682–2683, enumeration values.....	89
366.	§19.2.1.13, "font (Embedded Font Name)", p. 2769.....	89
367.	§19.2.1.19, "modifyVerifier (Modification Verifier)", p. 2774.....	90
368.	§19.3.1.21, "graphicFrame (Graphic Frame)", p. 2829, attribute bwMode .....	90
369.	§19.3.2.4, "oleObj (Global Element for Embedded objects and Controls)", p. 2859.....	90
370.	§19.5.9, "audio (Audio)", p. 2882 .....	91
371.	§19.5.44, "from (From)", p. 2919 .....	91
372.	§19.5.46, "hsl (HSL)", p. 2921, attributes l and s.....	91
373.	§19.5.46, "hsl (HSL)", p. 2921, attribute l .....	91
374.	§19.5.46, "hsl (HSL)", p. 2921, attribute s.....	91
375.	§19.5.62, "rCtr (Rotation Center)", p. 2935 .....	91
376.	§19.5.63, "rgb (RGB)", pp. 2936–2937, attributes b, g, and r .....	92
377.	§19.5.63, "rgb (RGB)", p. 2936, attribute b.....	92
378.	§19.5.63, "rgb (RGB)", p. 2937, attribute g .....	92
379.	§19.5.63, "rgb (RGB)", p. 2937, attribute r .....	92
380.	§19.5.68, "snd (Sound)", p. 2941 .....	92
381.	§19.5.68, "snd (Sound)", p. 2942, attribute embed .....	92

382.	§19.5.69, “sndAc (Sound Action)”, p. 2942 .....	93
383.	§19.5.70, “sndTgt (Sound Target)”, p. 2943, attribute embed .....	93
384.	§19.5.76, “stSnd (Start Sound Action)”, p. 2949 .....	93
385.	§19.5.79, “tav (Time Animate Value)”, p. 2952 .....	93
386.	§19.5.79, “tav (Time Animate Value)”, p. 2955, attribute fmla.....	93
387.	§19.5.80, “tavLst (Time Animated Value List)”, p. 2956.....	93
388.	§19.5.83, “tmPct (Time Percentage)”, p. 2958.....	94
389.	§19.5.88, “to (To)”, p. 2962 .....	94
390.	§19.5.88, “to (To)”, p. 2962 .....	94
391.	§19.5.90, “to (To)”, p. 2964 .....	94
392.	§19.5.92, “tavLst val (Value)”, p. 2965–2966.....	95
393.	§19.7.53, “ST_TransitionSideDirectionType (Transition SlideSide Direction Type)”, p. 3004, enumeration values+ 95	
394.	§20.1.2.2.32, “snd (Hyperlink Sound)”, p. 3044, attribute embed .....	95
395.	§20.1.2.3.1, “alpha (Alpha)”, p. 3052, attribute val .....	95
396.	§20.1.2.3.2, “alphaMod (Alpha Modulation)”, p. 3052, attribute val .....	96
397.	§20.1.2.3.3, “alphaOff (Alpha Offset)”, p. 3053, attribute val.....	96
398.	§20.1.2.3.4, “blue (Blue)”, p. 3054, attribute val .....	96
399.	§20.1.2.3.5, “blueMod (Blue Modification Modulation)”, p. 3055, attribute val .....	97
400.	§20.1.2.3.6, “blueOff (Blue Offset)”, pp. 3055–3056, attribute val .....	97
401.	§20.1.2.3.10, “green (Green)”, p. 3057, attribute val .....	98
402.	§20.1.2.3.11, “greenMod (Green Modification Modulation)”, p. 3058, attribute val.....	98
403.	§20.1.2.3.12, “greenOff (Green Offset)”, p. 3059, attribute val .....	99
404.	§20.1.2.3.13, “hslClr (Hue, Saturation, Luminance Color Model)”, p. 3059.....	99
405.	§20.1.2.3.15, “hueMod (Hue Modulate)”, p. 3062 .....	99
406.	§20.1.2.3.19, “lum (Luminance)”, p. 3065, attribute val .....	100
407.	§20.1.2.3.20, “lumMod (Luminance Modulation)”, p. 3065, attribute val .....	101
408.	§20.1.2.3.21, “lumOff (Luminance Offset)”, p. 3066, attribute val .....	101
409.	§20.1.2.3.23, “red (Red)”, p. 3068, attribute val.....	102
410.	§20.1.2.3.24, “redMod (Red Modulation)”, p. 3069, attribute val .....	102
411.	§20.1.2.3.25, “redOff (Red Offset)”, p. 3070, attribute val .....	103
412.	§20.1.2.3.26, “sat (Saturation)”, p. 3071, attribute val .....	103
413.	§20.1.2.3.27, “satMod (Saturation Modulation)”, pp. 3071–3072, attribute val .....	104

414.	§20.1.2.3.28, “satOff (Saturation Offset)”, p. 3072, attribute val .....	105
415.	§20.1.2.3.30, “scrgbClr (RGB Color Model - Percentage Variant)”, p. 3074 .....	105
416.	§20.1.2.3.31, “shade (Shade)”, pp. 3076–3077, attribute val.....	106
417.	§20.1.2.3.32, “srgbClr (RGB Color Model - Hex Variant)”, p. 3077 .....	106
418.	§20.1.2.3.34, “tint (Tint)”, p. 3081, attribute val .....	106
419.	§20.1.3.7, “wavAudioFile (Audio from WAV File)”, p. 3089, attribute embed .....	107
420.	§20.1.5.5, “camera (Camera)”, p. 3153.....	107
421.	§20.1.10.46, “ST_PositivePercentage (Positive Percentage Value with Sign)”, p. 3300.....	107
422.	§20.4.2.3, “anchor (Anchor for Floating DrawingML Object)”, p. 3462–3467 .....	107
423.	§21.1.2.2.2, “defPPr (Default Paragraph Style)”, p. 3569–3570, attribute rtl.....	107
424.	§21.1.2.2.7, “pPr (Text Paragraph Properties)”, p. 3587–3570, attribute rtl .....	108
425.	§21.1.2.3.1, “cs (Complex Script Font)”, pp. 3598–3599 .....	108
426.	§21.1.2.3.3, “ea (East Asian Font)”, pp. 3606–3607 .....	108
427.	§21.1.2.3.7, “latin (Latin Font)”, pp. 3614–3615 .....	109
428.	§21.1.2.3.10, “sym (Symbol Font)”, pp. 3623–3624.....	109
429.	§21.1.2.4.6, “buFont (Specified)”, p. 3638–3639 .....	109
430.	§21.1.2.4.9, “buSzPct (Bullet Size Percentage)”, pp. 3640–3641.....	110
431.	§21.1.2.4.13, “lvl1pPr (List Level 1 Text Style)”, p. 3651–3652, attribute rtl .....	111
432.	§21.1.2.4.14, “lvl2pPr (List Level 2 Text Style)”, p. 3660–3661, attribute rtl .....	111
433.	§21.1.2.4.15, “lvl3pPr (List Level 3 Text Style)”, p. 3669, attribute rtl.....	111
434.	§21.1.2.4.16, “lvl4pPr (List Level 4 Text Style)”, p. 3677–3678, attribute rtl .....	111
435.	§21.1.2.4.17, “lvl5pPr (List Level 5 Text Style)”, p. 3686, attribute rtl.....	111
436.	§21.1.2.4.18, “lvl6pPr (List Level 6 Text Style)”, p. 3694–3695, attribute rtl .....	111
437.	§21.1.2.4.19, “lvl7pPr (List Level 7 Text Style)”, p. 3703, attribute rtl.....	112
438.	§21.1.2.4.20, “lvl8pPr (List Level 8 Text Style)”, p. 3711–3712, attribute rtl .....	112
439.	§21.1.2.4.21, “lvl9pPr (List Level 9 Text Style)”, p. 3720, attribute rtl.....	112
440.	§21.2.2.12, “backward (Backward)”, p. 3763.....	112
441.	§21.2.2.59, “evenFooter (Even Footer)”, p. 3789, new attribute .....	112
442.	§21.2.2.60, “evenHeader (Even Header)”, p. 3789, new attribute.....	113
443.	§21.2.2.63, “externalData (External Data Relationship)”, p. 3790 .....	113
444.	§21.2.2.66, “firstFooter (First Footer)”, p. 3792, new attribute .....	113
445.	§21.2.2.67, “firstHeader (First Header)”, p. 3792, new attribute .....	113

446.	§21.2.2.73, “forward (Forward)”, p. 3795.....	114
447.	§21.2.2.124, “oddFooter (Odd Footer)”, p. 3818, new attribute.....	114
448.	§21.2.2.125, “oddHeader (Odd Header)”, p. 3818, new attribute .....	114
449.	§21.2.2.134, “pageSetup (Page Setup)”, p. 3822 .....	114
450.	§21.2.2.134, “pageSetup (Page Setup)”, p. 3823, attribute paperSize .....	114
451.	§21.2.2.134, “pageSetup (Page Setup)”, p. 3825 .....	114
452.	§21.2.2.136, “perspective (Perspective)”, p. 3827 .....	115
453.	§21.2.2.220, “userShapes (User Shapes)”, p. 3867 .....	115
454.	§21.2.3.18, “ST_HoleSize (Hole Size)”, p. 3884 .....	115
455.	§21.2.3.33, “ST_Period (Period)”, p. 3892 .....	115
456.	§21.2.3.33, “ST_Period (Period)”, p. 3892, enumeration value auto .....	115
457.	§21.2.3.34, “ST_Perspective (Perspective)”, p. 3892 .....	115
458.	§21.2.3.44, “ST_Skip (Skip)”, p. 3897.....	116
459.	§22.1.2.3, “aln (Alignment)”, p. 4074 .....	116
460.	§22.1.2.5, “argPr (Argument Properties)”, p. 4078.....	116
461.	§22.1.2.18, “cGp (Matrix Column Gap)”, p. 4094.....	116
462.	§22.1.2.19, “cGpRule (Matrix Column Gap Rule)”, p. 4095 and many others .....	116
463.	§22.1.2.22, “cSp (Minimum Matrix Column Width)”, p. 4099.....	116
464.	§22.1.2.22, “cSp (Minimum Matrix Column Width)”, p. 4100.....	116
465.	§22.1.2.26, “deg (Degree)”, pp. 4104–4107.....	116
466.	§22.1.2.28, “den (Denominator)”, pp. 4108–4110.....	117
467.	§22.1.2.32, “e (Element (Argument))”, p. 4114 .....	117
468.	§22.1.2.32, “e (Element)”, pp. 4115–4117.....	118
469.	§22.1.2.37, “fName (Function Name)”, p. 4122 .....	118
470.	§22.1.2.37, “fName (Function Name)”, pp. 4123–4125 .....	120
471.	§22.1.2.39, “func (Function Apply Object)”, p. 4126.....	120
472.	§22.1.2.52, “lim (Limit)”, pp. 4138–4139 .....	121
473.	§22.1.2.75, “num (Numerator)”, pp. 4171–4172 .....	121
474.	§22.1.2.77, “oMath (Office Math)”, pp. 4174–4176 .....	122
475.	§22.1.2.83, “plcHide (Hide Placeholders (Matrix))”, p. 4181.....	122
476.	§22.1.2.95, “sepChr (Delimiter Separator Character)”, p. 4193 .....	122
477.	§22.1.2.105, “sSup (Superscript Object)”, p. 4202 .....	122

478.	§22.1.2.112, “sub (Subscript (Pre-Sub-Superscript))”, pp. 4209–4210 .....	122
479.	§22.1.2.114, “sup (Superscript (Superscript object))”, pp. 4212–4213.....	123
480.	§22.5.2.2, “schemaRef (Associated XML Schema)”, p. 4262, attribute uri .....	123
481.	§22.6.2.5, “Author (Author)”, p. 4269, new attribute.....	123
482.	§22.9.2.1, “ST_CalendarType (Calendar Types)”, p. 4319, attribute hebrew .....	123
483.	§22.9.2.13, “ST_String (String)”, p. 4329 .....	124
484.	§22.9.2.13, “ST_String (String)”, p. 4329 .....	124
485.	§22.9.2.15, “ST_UniversalMeasure (Universal Measurement)”, p. 4332 .....	124
486.	§A.1, “WordprocessingML”, p. 4345.....	125
487.	§A.1, “WordprocessingML”, p. 4373, lines 1466–1473 .....	126
488.	§A.1, “WordprocessingML”, p. 4378, lines 1780–1786 .....	126
489.	§A.1, “WordprocessingML”, new type, p. 4363, after line 955 .....	126
490.	§A.2, “SpreadsheetML”, p. 4409, lines 10–14.....	127
491.	§A.2, “SpreadsheetML”, p. 4410 .....	127
492.	§A.2, “SpreadsheetML”, p. 4411, lines 84–88.....	128
493.	§A.2, “SpreadsheetML”, p. 4482, lines 3822–3829 .....	128
494.	§A.3, “PresentationML”, p. 4494.....	128
495.	§A.3, “PresentationML”, p. 4494, lines 13–14 .....	128
496.	§A.3, “PresentationML”, p. 4518, lines 1278–1286.....	128
497.	§A.4.1, “DrawingML – Main”, p. 4525 .....	128
498.	§A.4.1, “DrawingML – Main”, p. 4525, lines 17–18.....	129
499.	§A.4.2, “DrawingML – Picture”, p. 4582 .....	129
500.	§A.4.3, “DrawingML - Locked Canvas”, p. 4583 .....	129
501.	§A.4.4, “DrawingML - WordprocessingML Drawing”, p. 4583.....	129
502.	§A.4.5, “DrawingML - SpreadsheetML Drawing”, p. 4586 .....	129
503.	§A.5.1, “DrawingML – Charts”, p. 4590 .....	129
504.	§A.5.1, “DrawingML - Charts”, p. 4596, lines 309–317.....	130
505.	§A.5.1, “Drawing ML - Charts”, p. 4598, lines 424–438.....	130
506.	§A.5.1, “Drawing ML - Charts”, p. 4599, lines 493–498.....	130
507.	§A.5.1, “Drawing ML - Charts”, p. 4609, lines 1024–1028.....	130
508.	§A.5.2, “DrawingML - Chart Drawing”, p. 4617 .....	130
509.	§A.5.3, “DrawingML – Diagrams”, p. 4620.....	130

510.	§A.5.3, “DrawingML – Diagrams”, p. 4620, lines 12–13 .....	131
511.	§A.6.1, “Math”, p. 4641 .....	131
512.	§A.6.1, “Math”, p. 4641, lines 8–12 .....	131
513.	§A.6.1, “Math”, p. 4650, lines 488–493 .....	131
514.	§A.6.2, “Extended Properties”, p. 4652 .....	131
515.	§A.6.3, “Custom Properties”, p. 4653 .....	131
516.	§A.6.4, “Variant Types”, p. 4654 .....	131
517.	§A.6.5, “Custom XML Data Properties”, p. 4658 .....	131
518.	§A.6.6, “Bibliography”, p. 4658 .....	131
519.	§A.6.7, “Additional Characteristics”, p. 4661 .....	132
520.	§A.6.8, “Office Document Relationships”, p. 4662 .....	132
521.	§A.6.9, “Shared Simple Types”, p. 4662 .....	132
522.	§A.7, “Custom XML Schema References”, p. 4665 .....	132
523.	§B.1, “WordprocessingML”, p. 4667 .....	132
524.	§B.1, “WordprocessingML”, p. 4684, lines 932–936 .....	133
525.	§B.1, “WordprocessingML”, p. 4688, lines 1134–1137 .....	133
526.	§B.1, “WordprocessingML”, new type, p. 4679, after line 619 .....	133
527.	§B.1.1.1, “Comments Part”, p. 4708 .....	133
528.	§B.1.1.2, “Document Settings Part”, p. 4708 .....	133
529.	§B.1.1.3, “Endnotes Part”, p. 4708 .....	133
530.	§B.1.1.4, “Font Table Part”, p. 4709 .....	134
531.	§B.1.1.5, “Footer Part”, p. 4709 .....	134
532.	§B.1.1.6, “Footnotes Part”, p. 4709 .....	134
533.	§B.1.1.7, “Glossary Document Part”, p. 4710 .....	134
534.	§B.1.1.8, “Header Part”, p. 4710 .....	134
535.	§B.1.1.9, “Mail Merge Recipient Data Part”, p. 4710 .....	134
536.	§B.1.1.10, “Main Document Part”, p. 4711 .....	134
537.	§B.1.1.11, “Numbering Definitions Part”, p. 4711 .....	134
538.	§B.1.1.12, “Style Definitions Part”, p. 4711 .....	134
539.	§B.1.1.13, “Web Settings Part”, p. 4712 .....	134
540.	§B.2, “SpreadsheetML”, p. 4712 .....	134
541.	§B.2, “SpreadsheetML”, p. 4714, lines 78–81 .....	135

542.	§B.2, “SpreadsheetML”, p. 4789, lines 4056–4060 .....	135
543.	§B.2.1.1, “Calculation Chain Part”, p. 4800.....	135
544.	§B.2.1.2, “Chartsheet Part”, p. 4800.....	135
545.	§B.2.1.3, “Comments Part”, p. 4800.....	135
546.	§B.2.1.4, “Connections Part”, p. 4801 .....	135
547.	§B.2.1.5, “Custom XML Mappings Part”, p. 4801.....	135
548.	§B.2.1.6, “Dialogsheet Part”, p. 4801 .....	135
549.	§B.2.1.7, “Drawing Part”, p. 4801.....	135
550.	§B.2.1.8, “External Workbook References Part”, p. 4802 .....	135
551.	§B.2.1.9, “Metadata Part”, p. 4802 .....	136
552.	§B.2.1.10, “Pivot Table Part”, p. 4802 .....	136
553.	§B.2.1.11, “Pivot Table Cache Definition Part”, p. 4803.....	136
554.	§B.2.1.12, “Pivot Table Cache Records Part”, p. 4803.....	136
555.	§B.2.1.13, “Query Table Part”, p. 4803.....	136
556.	§B.2.1.14, “Shared String Table Part”, p. 4803 .....	136
557.	§B.2.1.15, “Shared Workbook Revision Headers Part”, p. 4804.....	136
558.	§B.2.1.16, “Shared Workbook Revision Log Part”, p. 4804 .....	136
559.	§B.2.1.17, “Shared Workbook User Data Part”, p. 4804 .....	136
560.	§B.2.1.18, “Single Cell Table Definitions Part”, p. 4804 .....	136
561.	§B.2.1.19, “Styles Part”, p. 4805.....	136
562.	§B.2.1.20, “Table Definitions Part”, p. 4805 .....	136
563.	§B.2.1.21, “Volatile Dependencies Part”, p. 4805.....	137
564.	§B.2.1.22, “Workbook Part”, p. 4806 .....	137
565.	§B.2.1.23, “Worksheet Part”, p. 4806.....	137
566.	§B.3, “PresentationML”, p. 4806.....	137
567.	§B.3, “PresentationML”, p. 4818, line 606.....	137
568.	§B.3, “PresentationML”, pp. 4822–4823, lines 864–868 .....	137
569.	§B.3.1.1, “Comment Authors Part”, p. 4828 .....	137
570.	§B.3.1.2, “Comments Part”, p. 4828.....	137
571.	§B.3.1.3, “Handout Master Part”, p. 4828 .....	137
572.	§B.3.1.4, “Notes Master Part”, p. 4828 .....	137
573.	§B.3.1.5, “Notes Slide Part”, p. 4829 .....	138

574.	§B.3.1.6, “Presentation Part”, p. 4829.....	138
575.	§B.3.1.7, “Presentation Properties Part”, p. 4829 .....	138
576.	§B.3.1.8, “Slide Part”, p. 4829 .....	138
577.	§B.3.1.9, “Slide Layout Part”, p. 4830.....	138
578.	§B.3.1.10, “Slide Master Part”, p. 4830 .....	138
579.	§B.3.1.11, “Slide Synchronization Data Part”, p. 4830.....	138
580.	§B.3.1.12, “User Defined Tags Part”, p. 4831.....	138
581.	§B.3.1.13, “View Properties Part”, p. 4831.....	138
582.	§B.4.1, “DrawingML - Main”, p. 4831 .....	138
583.	§B.4.1.1.1, “Table Styles Part”, p. 4874 .....	138
584.	§B.4.1.1.2, “Theme Part”, p. 4875 .....	138
585.	§B.4.1.1.3, “Theme Override Part”, p. 4875 .....	139
586.	§B.4.1.1.3, “Theme Override Part”, p. 4875, line 10 .....	139
587.	§B.4.2, “DrawingML - Picture”, p. 4875 .....	139
588.	§B.4.3, “DrawingML - Locked Canvas”, p. 4876 .....	139
589.	§B.4.4, “DrawingML - WordprocessingML Drawing”, p. 4876.....	139
590.	§B.4.5, “DrawingML - SpreadsheetML Drawing”, p. 4878.....	139
591.	§B.5.1, “DrawingML - Charts”, p. 4880 .....	139
592.	§B.5.1, “Drawing ML - Charts”, p. 4884, lines 192–193 .....	140
593.	§B.5.1, “Drawing ML - Charts”, pp. 4885–4886, lines 261–272 .....	140
594.	§B.5.1, “Drawing ML - Charts”, p. 4886, lines 311–312 .....	140
595.	§B.5.1, “Drawing ML - Charts”, p. 4892, lines 652 .....	140
596.	§B.5.1.1.1, “Chart Part”, p. 4898 .....	140
597.	§B.5.1.1.2, “Chart Drawing Part”, p. 4898 .....	140
598.	§B.5.2, “DrawingML - Chart Drawing”, p. 4898.....	140
599.	§B.5.3, “DrawingML - Diagrams”, p. 4900 .....	140
600.	§B.5.3.1.1, “Diagram Colors Part”, p. 4915 .....	140
601.	§B.5.3.1.2, “Diagram Data Part”, p. 4915 .....	140
602.	§B.5.3.1.3, “Diagram Layout Definitions Part”, p. 4915 .....	141
603.	§B.5.3.1.4, “Diagram Style Part”, p. 4915 .....	141
604.	§B.6.1, “Math”, p. 4916.....	141
605.	§B.6.1, “Math”, p. 4920, line 240 .....	141

606.	§B.6.2, “Extended Properties”, p. 4921 .....	141
607.	§B.6.2.1.1, “Extended File Properties Part”, p. 4922 .....	141
608.	§B.6.3, “Custom Properties”, p. 4922 .....	141
609.	§B.6.3.1.1, “Custom File Properties Part”, p. 4923 .....	141
610.	§B.6.4, “Variant Types”, p. 4923.....	141
611.	§B.6.5, “Custom XML Data Properties”, p. 4927 .....	141
612.	§B.6.5.1.1, “Custom XML Data Properties Part”, p. 4927.....	141
613.	§B.6.6, “Bibliography”, p. 4927 .....	141
614.	§B.6.6.1.1, “Bibliography Part”, p. 4929 .....	142
615.	§B.6.7, “Additional Characteristics”, p. 4929.....	142
616.	§B.6.7.1.1, “Additional Characteristics Part”, p. 4930.....	142
617.	§B.6.8, “Office Document Relationships”, p. 4930 .....	142
618.	§B.6.9, “Shared Simple Types”, p. 4930.....	142
619.	§B.7, “Custom XML Schema References”, p. 4932 .....	142
620.	§B.8.1, “Any”, p. 4932 .....	142
621.	§B.8.2, “XML”, p. 4932 .....	142
622.	§E, “Processing Bitfields with XSLT”, pp. 4937–4939 .....	142
623.	§F, “WordprocessingML Custom XML Data Extraction”, p. 4940–4941.....	142
624.	§F, “WordprocessingML Custom XML Data Extraction”, p. 4941 .....	144
625.	§K.5.8.1, “Using Captions and Long Descriptions in WordprocessingML Tables”, pp. 5061–5062.....	144
626.	§M.1.5.1, “Introduction”, p. 5077 .....	145
627.	§M.1.5.2, “Introduction”, p. 5078 .....	145
628.	§M.1.5.9, “Vertically Merged Cells”, p. 5085 .....	145
629.	§M.1.5.9, “Vertically Merged Cells”, pp. 5086–5087 .....	146
630.	§M.1.8.2, “Style Definitions”, p. 5097 .....	146
631.	§M.1.8.3, “Paragraph Styles”, p. 5098.....	146
632.	§M.1.8.4, “Character Styles”, p. 5099.....	146
633.	§M.1.8.5, “Linked Styles”, p. 5100.....	146
634.	§M.1.8.5, “Linked Styles”, p. 5100.....	147
635.	§M.1.8.7, “Table Styles”, p. 5105 .....	147
636.	§M.1.8.7, “Table Styles”, p. 5106 .....	147
637.	§M.1.8.11, “Latent Styles”, p. 5109 .....	147

638.	§M.1.10.3, “Abstract Numbering Definitions”, p. 5116 .....	148
639.	§M.1.10.4, “Numbering Definition Instances”, p. 5118 .....	148
640.	§M.1.10.6, “The Complete Story”, p. 5122 .....	148
641.	§M.1.10.8, “Referencing Numbering Styles”, p. 5125 .....	148
642.	§M.1.10.8, “Referencing Numbering Styles”, p. 5126 .....	149
643.	§M.2.8.3.2.2, “Metadata Behaviors”, p. 5225 .....	149
644.	§M.2.9.3.2, “XML - pivotCacheDefinition part”, p. 5239 .....	149
645.	§M.2.9.3.2, “XML - pivotCacheDefinition part”, p. 5242 .....	149
646.	§M.2.9.3.4.5, “Row Items”, pp. 5251–5252 .....	149
647.	§M.2.9.3.4.7, “Column Items”, p. 5254 .....	149
648.	§M.2.12.3, “Pivot XML fragment”, p. 5269 .....	150
649.	§M.4.6.2.2, “Camera”, p. 5374 .....	150
650.	§M.6.1, “Math”, p. 5507 .....	150
651.	§N.1, “WordprocessingML”, p. 5554 .....	150