fmocdmac — FM's OCD LATEX Macro*

Fabio Mogavero fm@fabiomogavero.com

Released 2024/04/20

Abstract

This package contains almost all the latex macros I heavily use in my tcs research activity and, in particular, in the writing of conference and journal articles. As few of my co-authors have kindly pointed out, and probably many have thought, they are somehow a clear expression of an underlying ocd-like behavior... hence the name!

1 Implementation & Usage

1 (*package)

Required external packages:

```
2
3 \RequirePackage{etoolbox}
4
5 \RequirePackage{xargs}
6 \RequirePackage{xspace}
7 \RequirePackage{stringstrings}
```

Package options:

```
10 %% Auxiliary packages
11 \newif\ifaux@ \aux@false
12 \DeclareOption{aux}{\aux@true}
13 \DeclareOption{noaux}{\aux@false}
15 %% AMS defaults
16 \newif\ifamsdef@ \amsdef@true
17 \DeclareOption{noamsdef}{\amsdef@false}
19 %% AMS theorem tools
20 \newif\ifamsthm@ \amsthm@true
21 \DeclareOption{noamsthm}{\amsthm@false}
23 %% Extended Theorem tools
24 \newif\ifthmtls@ \thmtls@true
25 \DeclareOption{nothmtls}{\thmtls@false}
27 %% Enumeration tools
28 \newif\ifenmtls@ \enmtls@true
29 \DeclareOption{noenmtls}{\enmtls@false}
31 %% Hyper reference
32 \newif\ifhypref@ \hypref@true
33 \DeclareOption{nohypref}{\hypref@false}
```

^{*}This document describes version v0.30 of the fmocdmac package, last revised 2024/04/20.

```
35 %% Font tools
36 \newif\iffnttls@ \fnttls@true
37 \DeclareOption{nofnttls}{\fnttls@false}
39 %% Camera-ready version
40 \newif\ifcrv@ \crv@false
41 \DeclareOption{crv}{\crv@true}
43 %% Change bars
44 \newif\ifchgbar@ \chgbar@false
45 \DeclareOption{chgbar}{\chgbar@true}
47 %% Line numbers
48 \newif\iflinnum@ \linnum@false
49 \DeclareOption{linnum}{\linnum@true}
51
52 %% Text macro generation
53 \newif\iftxtgen@ \txtgen@false
54 \DeclareOption{txtgen}{\txtgen@true}
55 \DeclareOption{notxtgen}
    {\txtgen@false\txt@false\com@false\gam@false\log@false\aut@false}
57
58 %% Math macro generation
59 \newif\ifmthgen@ \mthgen@false
60 \DeclareOption{mthgen}{\mthgen@true}
61 \DeclareOption{nomthgen}
    {\mthgen@false\mth@false\gam@false\log@false\aut@false}
63
65 %% Elementary macros for text
66 \newif\iftxt@ \txt@false
67 \DeclareOption{txt}{\txt@true\txtgen@true}
68 \label{lem:continuity} $$ \operatorname{DeclareOption}_{notxt}_{\text{txt@false}} $$
69
70 %% Elementary macros for math
71 \newif\ifmth@ \mth@false
72 \DeclareOption{mth}{\mth@true\mthgen@true}
73 \DeclareOption{nomth}{\mth@false}
76 %% Macros for computational-complexity classes
77 \newif\ifcom@ \com@false
78 \DeclareOption{com}{\com@true\txtgen@true}
79 \DeclareOption{nocom}{\com@false}
82 %% Macros for graphs
83 \newif\ifgrp@ \grp@false
84 \end{true} txtgen@true \end{true}
85 \DeclareOption{nogrp}{\grp@false}
87 %% Macros for games
88 \newif\ifgam@ \gam@false
89 \DeclareOption{gam}{\gam@true\txtgen@true\mthgen@true}
90 \DeclareOption{nogam}{\gam@false}
91
92 \%\% Macros for logics
93 \newif\iflog@ \log@false
94 \DeclareOption{log}{\log@true\txtgen@true\mthgen@true}
95 \DeclareOption{nolog}{\log@false}
97 %% Macros for automata
```

```
99 \DeclareOption{aut}{\aut@true\txtgen@true\mthgen@true}
                 100 \DeclareOption{noaut}{\aut@false}
                102
                103 %% Format-related tricks
                 104 \newif\iffrm@ \frm@false
                 105 \DeclareOption{frm}{\frm@true}
                 106 \DeclareOption{nofrm}{\frm@false}
                 108
                 109 %% Figure-related tricks
                 110 \newif\iffig@ \fig@false
                 111 \DeclareOption{fig}{\fig@true}
                 112 \DeclareOption{nofig}{\fig@false}
                113
                114 %% Wrapfig package
                 115 \newif\ifwrpfig@ \wrpfig@true
                 116 \DeclareOption{nowrpfig}{\wrpfig@false}
                 117
                 118
                 119 %% Table-related tricks
                 120 \newif\iftab@ \tab@false
                 121 \DeclareOption{tab}{\tab@true}
                122 \DeclareOption{notab}{\tab@false}
                124
                 125 %% Algorithm-related tricks
                 126 \newif\ifalg@ \alg@false
                 127 \DeclareOption{alg}{\alg@true}
                 128 \DeclareOption{noalg}{\alg@false}
                Option-processing code:
                 131 \ensuremath{\mbox{\mbox{$131$ \colored{\mbox{\mbox{\mbox{\mbox{$131$ \colored{\mbox{\mbox{$131$ \colored{\mbox{$131$ \colored{\mb
                 133 \ExecuteOptions{aux,txtgen,mthgen,txt,mth,com,grp,gam,log,aut}%
                 135 \ProcessOptions\relax%
                 137 \ifcsdef{if@twocolumn}{}{\newif\if@twocolumn}
               Package main body:
                 \omicron Auxiliary Greek lowercase letter: ... to do!
                143 \csdef{omicron}{o}
   \Alpha Auxiliary Greek uppercase letters: ... to do!
         \begin{tabular}{l} $$ \csdef{Alpha}_A} \csdef{Beta}_B \csdef{Epsilon}_E} \csdef{varEpsilon}_E
                 145 \csdef{Zeta}{Z} \csdef{Eta}{H} \csdef{Iota}{I} \csdef{Kappa}{K}
                 146 \csdef{warKappa}{K} \csdef{Mu}{M} \csdef{Nu}{N} \csdef{Omicron}{0}
                 147 \csdef\{Rho\}\{P\} \csdef\{VarRho\}\{P\} \csdef\{Tau\}\{T\} \csdef\{Chi\}\{X\}\}
```

98 \newif\ifaut@ \aut@false

```
Emptiness check: \{A\} evaluates to the empty string, if Argument A is empty,
             and to Argument \langle B \rangle, otherwise.
                 • \empchk{}{B} = ""
                 • \empchk{A}{B} = "B"
              152 \newrobustcmd{\empchk}[2]
                   {\left\{ if \&#1\& else#2\right\} }
    \defval Default value: \defval{\lambda}\{\lambda\\}\{\lambda\\}\\ evaluates to Argument \lambda B\rangle, if Argument \lambda A\rangle is empty, and to
             Argument \langle A \rangle itself, otherwise.
                 • \defval{}{B} = "B"
                 • \defval{A}{B} = "A"
              154 \newrobustcmd{\defval}[2]
                   {\if&#1&#2\else#1\fi}
              \arglef Left extension: \arglef\{\langle A \rangle\} evaluates to the concatenation \langle AB \rangle of the two arguments, if
             Argument \langle B \rangle is non-empty, and to the empty string, otherwise.
                 • \arglef{A}{} = ""
                 • \arglef{A}{B} = "AB"
              157 \newrobustcmd{\arglef}[2]
                   {\empchk{#2}{#1#2}}
    \argrig Right extension: \argrig{\langle A\rangle}\{\langle B\rangle}\ evaluates to the concatenation \langle AB \rangle of the two arguments,
             if Argument \langle A \rangle is non-empty, and to the empty string, otherwise.
                 • \argrig{}{B} = ""
                 • \argrig{A}{B} = "AB"
              159 \newrobustcmd{\argrig}[2]
                  {\empchk{#1}{#1#2}}
    \argmid Middle extension: \argmid{\langle A\rangle}{\langle B\rangle}{\langle C\rangle} evaluates to the concatenation \langle ABC \rangle of the three
             arguments, if Argument \langle B \rangle is non-empty, and to the empty string, otherwise.
                 • \argmid{A}{{}{C} = ""
                 • \argmid{A}{B}{C} = "ABC"
              161 \newrobustcmd{\argmid}[3]
                   {\empchk{#2}{#1#2#3}}
    \argsep Separators: \argsep\{\langle A \rangle\}\{\langle B \rangle\}\{\langle C \rangle\} evaluates to Argument \langle C \rangle, if Argument \langle A \rangle is empty, to
             Argument \langle A \rangle, if Argument \langle C \rangle is empty, and to the concatenation \langle ABC \rangle, otherwise.
                 • \argsep{}{B}{C} = "C"
                 • \argsep{A}{B}{} = "A"
                 • \argsep{A}{}{C} = "AC"
                 • \argsep{A}{B}{C} = "ABC"
              163 \newrobustcmd{\argsep}[3]
                   {\if&#1&#3\else#1\arglef{#2}{#3}\fi}
              \ifstarvar Command star variants: \ifstarvar\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
              166 \newrobustcmd{\ifstarvar}
              167
                   {\@ifstar}
\ifexclavar Command exclamation variants: \ifexclavar\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
              168 \newrobustcmd{\ifexclavar}[1]
                   {\@ifnextchar!{\@firstoftwo{#1}}}
```

```
\ifquestvar Command questionmark variants: \ifquestvar\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
                       170 \newrobustcmd{\ifquestvar}[1]
                               {\@ifnextchar?{\@firstoftwo{#1}}}
                       173 \newrobustcmd{\varcmd}[6]
                               {\expandafter\newcommand\csname gobble#1arg\endcsname[2]
                       175
                                   {\csname check#larg\endcsname{\argsep{##1}{#4}{\empchk{##2}{{##2}}}}}%
                       176
                               \expandafter\newcommand\csname check#larg\endcsname[1]
                       177
                                   {\csname @ifnextchar\endcsname%
                                      \bgroup{\csname gobble#1arg\endcsname{##1}}{#2{##1#5}#6}}%
                       178
                               \expandafter\newcommand\csname#1\endcsname[1]
                       179
                                   {\csname check#1arg\endcsname{#3##1}}}
                       180
                       \seqoftag Sequence of tags: \seqoftag\{\langle A \rangle\}\{\langle B \rangle\}\{\langle C \rangle\} ... to do!
                       182 \newrobustcmd{\seqoftag}[3]
                               {\@for\itr:={#1}\do%
                       183
                       184
                                   {\expandafter\csedef{\itr#2}%
                       185
                                      {\noexpand\csname #3\endcsname{\itr}}}
    \seqofcmd Sequence of commands: \seqofcmd\{\langle A \rangle\}\{\langle B \rangle\}\{\langle C \rangle\} ... to do!
                       186 \newrobustcmd{\seqofcmd}[3]
                               {\@for\itr:={#1}\do%
                                   {\expandafter\csedef{\itr#2}%
                       188
                       189
                                      {\noexpand\csname #3\endcsname{\csname \itr\endcsname}}}}
                       \seqoflatlow Sequence of Latin lowercase letters: \seqoflatlow{\langle A \rangle}{\langle B \rangle} ... to do!
                       191 \newrobustcmd{\segoflatlow}
                               \label{eq:control_seq} $$ \{ a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z \} $$
\seqoflatupp Sequence of Latin uppercase letters: \seqoflatupp\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
                       193 \newrobustcmd{\seqoflatupp}
                              {\seqoftag{A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z}}
\sequipsequence of Latin letters: \sequipsequence \( \{A \) \} \{ \lambda \} \)... to do!
                       195 \newrobustcmd{\seqoflatlet}[2]
                              {\seqoflatlow{#1}{#2}\seqoflatupp{#1}{#2}}
                       \seqofgrklow Sequence of Greek lowercase letters: \sqootnote{seqofgrklow} \{\langle A \rangle\} \{\langle B \rangle\} \dots to do!
                       198 \newrobustcmd{\seqofgrklow}
                               iota, kappa, varkappa, lambda, mu, nu, xi, omicron, pi, varpi, rho, varrho, sigma, %
                       200
                       201
                               varsigma,tau,upsilon,phi,varphi,chi,psi,omega}}
\seqofgrkupp Sequence of Greek uppercase letters: \seqofgrkupp\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
                       202 \newrobustcmd{\seqofgrkupp}
                               203
                               Iota, Kappa, varKappa, Lambda, Mu, Nu, Xi, Omicron, Pi, varPi, Rho, varRho, Sigma, %
                       204
                               varSigma,Tau,Upsilon,Phi,varPhi,Chi,Psi,Omega}}
\seqofgrklet Sequence of Greek letters: \seqofgrklet\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
                       206 \newrobustcmd{\seqofgrklet}[2]
                               \label{lower} $$ \{ \sec \#1 \} {\#2}  \end{grkupp} {\#1} {\#2}  \end{grkupp} {\#2}  \end{grkupp} {\#3}  \end{grkupp} {\#4}  \end{grkupp}
```

```
\seqoflow Sequence of lowercase letters: \seqoflow{\langle A \rangle}{\langle B \rangle} ... to do!
         209 \newrobustcmd{\seqoflow}[2]
             {\seqoflatlow{#1}{#2}\seqofgrklow{#1}{#2}}
\seqofupp Sequence of uppercase letters: \seqofupp\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
         211 \newrobustcmd{\seqofupp}[2]
            {\seqoflatupp{#1}{#2}\seqofgrkupp{#1}{#2}}
\seqoflet Sequence of all letters: \seqoflet\{\langle A \rangle\}\{\langle B \rangle\} ... to do!
         213 \newrobustcmd{\seqoflet}[2]
            {\seqoflow{#1}{#2}\seqofupp{#1}{#2}}
         219 \ifaux@
         220
         221 \ifamsdef@
         222 % AMS Packages
             \RequirePackage{mathtools}
             \RequirePackage{amssymb}
             \RequirePackage{stmaryrd}
         226
             \interdisplaylinepenalty=2500
         227 \fi
         228
         229 \ifamsthm@
         230 % AMS Theorem Tools
         231
            \RequirePackage{amsthm}
         232 \fi
         233
         234 \in 0
         235 % Extended Theorem Tools
             \RequirePackage{thmtools}
             \RequirePackage{thm-restate}
         238 \fi
         239
         240 \ifenmtls@
         241 % Enumeration Tools
             \RequirePackage{paralist}
         242
         243 \fi
         244
         245 \ifhypref@
             % Hyper References
         246
             \RequirePackage{hyperref}
         248
             \hypersetup {
               pdfsubject
                           = {},
         249
               pdfkeywords
                           = {},
         250
         251
               pdfproducer
                          = {},
         252
               pdfcreator
                           = {},
               pdfpagemode = {UseNone},
         253
               pdfstartview = {FitH},
         254
               urlcolor
                           = {blue},
         255
               colorlinks
         256
         257
         258 \fi
         260 \iffnttls@
            % Font Tools
             \RequirePackage[final]{microtype}
         262
         263 \fi
         264
         265 \ifcrv@
```

```
% Camera-Ready Version
      266
      267
      268
          %%...
      269
      270 \else
          % Draft Version
      271
      272
          %%...
      273
      274
          \ifchgbar@
      275
           % Change Bars
      277
           \RequirePackage{changebar}
      278
      279
          \iflinnum@
      280
           % Line Numbers
      281
           \if@twocolumn
      282
             \RequirePackage[switch, columnwise, mathlines]{lineno}\linenumbers
      283
      284
             \RequirePackage[columnwise, mathlines]{lineno}\linenumbers
      285
           \fi
      286
          \fi
      287
      288
          %%...
      289
      290
      291 \fi
      292
      293 \fi
      \mathbbo Bbo Math Font: ... to do!
      298 \left( \mathbb{T} \right) {\DeclareMathAlphabet{\mathbb{U}{bbold}_{m}_{n}}
\matheus Eus Math Font: ... to do!
      299 \ifdef{\matheus}{}{\DeclareMathAlphabet{\matheus}{U}{eus}{m}{n}}
\mathpzc Pzc Math Font: ... to do!
      300 \left\{ \mathbf{T1}_{pzc}_{m}_{it} \right\}
\mathscr Scr Math Font: ... to do!
      301 \left\{ \mathbf{Mathscr}_{\DeclareMathAlphabet_{\mathscr}_{U}_{\n}} \right\}
      \newtxt ... to do!
        • \mbox{\ensuremath{\text{Name}}[sub][sup][Ext]} = \mbox{\ensuremath{\text{Name}}} \mbox{\ensuremath{\text{Ext}}}
        • \newtxt[\sffamily]{Name}[sub][sup][Ext] = "Name_sub_Ext"
        • \newtxt[\ttfamily]{Name}[sub][sup][Ext] = "Name_sub_Ext"
        • \mbox{\ensuremath{\text{Name}}[sub][sup][Ext]} = \mbox{\ensuremath{\text{Name}}} \mbox{\ensuremath{\text{Ext}}"}
        • \newtxt![\sffamily]{Name}[sub][sup][Ext] = "Name_sub_Ext"
```

```
306 \DeclareRobustCommand{\newtxt}
                                                                             307 {\ifexclavar{\@snewtxt}{\@newtxt}}
                                                                             308 \DeclareRobustCommandx{\Onewtxt}[5][1=, 3=, 4=, 5=]
                                                                             309 {\text{#1#2\txtsubsup[#1]{#3}{#4}#5}\xspace}
                                                                             310 \DeclareRobustCommandx{\@snewtxt}[5][1=, 3=, 4=, 5=]
                                                                             311 {#1#2\txtsubsup[#1]{#3}{#4}#5\normalfont\xspace}
               \newtxtsty ... to do!
                                                                                         • \mbox{newtxtsty}{\rm Sub}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                         • \newtxtsty{\rmfamily}[\sffamily]{Name}[sub][sup][Ext] = "Name_sub_Ext"
                                                                                         • \mbox{\t Name} \mbox{\t Sub} \mbox{\t Ext} = \mbox{\t Name} \mbox{\t Ext} = \mbox{\t Name} \mbox{\t Sub} \mbox{\t Ext}
                                                                                          • \new txtsty! {\new [sub] [sup] [Ext] = "Name _{sub}^{sup} Ext"}
                                                                                          • \newtxtsty!{\rmfamily}[\sffamily]{Name}[sub][sup][Ext] = "Name_sub_Ext"
                                                                                         \bullet \ \texttt{Name} \{ \texttt{Sub} [ \texttt{Sub} ] [ \texttt{Ext} ] = \texttt{"Name} \texttt{Sup} \texttt{Ext} "
                                                                             312 \DeclareRobustCommand{\newtxtsty}
                                                                                                  {\ifexclavar{\@snewtxtsty}{\@newtxtsty}}
                                                                             314 \DeclareRobustCommandx{\@newtxtsty}[2][2=]
                                                                             315 {\newtxt[\defval{#2}{#1}]}
                                                                             316 \DeclareRobustCommandx{\@snewtxtsty}[2][2=]
                                                                             317 {\newtxt![\defval{#2}{#1}]}
               \newtxtarg ... to do!
                                                                                         • \mbox{\ensuremath{\texttt{Name}}[sub][sup][Ext1]{Arg}[Ext2] = "Name_{sub}^{sup}Ext1(Arg)Ext2"}
                                                                                         \bullet \ \texttt{\  \  } \ [\texttt{Ext1}] \ \{\texttt{Arg}\} \ [\texttt{Ext2}] \ = \ \texttt{``Name} \ \texttt{\  \  } \ \texttt{Ext1} \ (\texttt{Arg}) \ \texttt{Ext2} \ )
                                                                                           \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ \  \  \  } \texttt{ \  \  } 
                                                                                           \bullet \texttt{ \  \  } [\texttt{Sup}][\texttt{Ext1}] \texttt{ \  \  } [\texttt{Ext2}] = \texttt{``Name}^{\texttt{sup}} \texttt{Ext1}(\texttt{Arg}) \texttt{Ext2}'' 
                                                                                          • \newtxtarg! [\ttfamily] {Name} [sub] [sup] [Ext1] {Arg} [Ext2] = "Name sup Ext1 (Arg) Ext2"
                                                                             318 \DeclareRobustCommand{\newtxtarg}
                                                                             319 {\ifexclavar{\@snewtxtarg}{\@newtxtarg}}
                                                                              320 \DeclareRobustCommandx{\Onewtxtarg}[7][1=, 3=, 4=, 5=, 7=]
                                                                                                  {\newtxt[#1]{#2}[#3][#4][\argmid{#5(}{#6}{)#7}]}
                                                                              322 \DeclareRobustCommandx{\@snewtxtarg}[7][1=, 3=, 4=, 5=, 7=]
                                                                                                  {\newtxt![#1]{#2}[#3][#4][\argmid{#5(}{#6}{)#7}]}
\newtxtargsty ... to do!
                                                                                          \bullet \texttt{ \  \  } [\texttt{Sub}] [\texttt{Sub}] [\texttt{Ext1}] \{\texttt{Arg}\} [\texttt{Ext2}] = \texttt{``Name}^{\sup}_{\sup} \texttt{Ext1} (\texttt{Arg}) \texttt{Ext2}" 
                                                                                         • \newtxtargsty{\rmfamily}[\sffamily][\sup][\sup][\sup][\sup][\sup][\st1]{\Arg}[\sup]="\Name\sup \sup \st1(\Arg)\st2"
                                                                                          • \newtxtargsty{\rmfamily}[\ttfamily]{\Name}[sub][sup][Ext1]{Arg}[Ext2] = "NamesubExt1(Arg)Ext2"
                                                                                           \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ \  \  \  } \texttt{ \  \  } 
                                                                                           \bullet \texttt{\newtxtargsty!} \{\texttt{\normall}[\texttt{\normall}[\texttt{\normall}] \{\texttt{\normall}[\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normall}][\texttt{\normal
                                                                                          • \newtxtargsty!{\rmfamily}[\ttfamily]{\Name}[sub][sup][Ext1]{Arg}[Ext2] = "Name_sub_Ext1(Arg)Ext2"
                                                                             324 \DeclareRobustCommand{\newtxtargsty}
                                                                              325 {\ifexclavar{\@snewtxtargsty}{\@newtxtargsty}}
                                                                              326 \DeclareRobustCommandx{\@newtxtargsty}[2][2=]
                                                                              327 {\newtxtarg[\defval{#2}{#1}]}
                                                                             328 \DeclareRobustCommandx{\@snewtxtargsty}[2][2=]
                                                                                                    {\newtxtarg![\defval{#2}{#1}]}
          \newtxtoarg ... to do!
                                                                                         • \mbox{\ensuremath{\text{Name}}[sub][sup][Arg]} = \mbox{\ensuremath{\text{Name}}} \mbox{\ensuremath{\text{sup}}} \mbox{\ensuremath{\text{(Arg)}}}"
                                                                                         • \mbox{\ensuremath{\texttt{Name}}[sub][sup][Arg]} = \mbox{\ensuremath{\texttt{"Name}}} \mbox{\ensuremath{\texttt{Sub}}} \mbox{\ensuremath{\texttt{Name}}} \mbox{\ensuremath{\texttt{Sub}}} \mbox{\ensuremath{\texttt{Ing}}} = \mbox{\ensuremath{\texttt{"Name}}} \mbox{\ensuremath{\texttt{Sub}}} \mbox{\ensuremath{\texttt{Name}}} \mbox{\ensuremath{\texttt{Name}}} \mbox{\ensuremath{\texttt{Sub}}} \mbox{\ensuremath{\texttt{Ing}}} \mbox{\ensuremath{\texttt{Name}}} \mbox{\ensuremath{\texttt{Name}}} \mbox{\ensuremath{\texttt{Name}}} \mbox{\ensuremath{\texttt{Sub}}} \mbox{\ensuremath{\texttt{Ing}}} \mbox{\ensuremath{\texttt{Name}}} \mbox{\ensure
                                                                                          • \newtxtoarg[\ttfamily]{Name}[sub][sup][Arg] = "Name sub (Arg)"
                                                                                           \bullet \texttt{ \  \  } \texttt{[Name][Sub][Sup][Arg]} = \texttt{``Name}^{sup}_{sub}(Arg)"
```

• \newtxtoarg! [\sffamily] {Name} [sub] [sup] [Arg] = "Name_sub_(Arg)"

```
• \newtxtoarg! [\ttfamily] {Name} [sub] [sup] [Arg] = "Name sup (Arg)"
                                                               330 \DeclareRobustCommand{\newtxtoarg}
                                                               331 {\ifexclavar{\@snewtxtoarg}{\@newtxtoarg}}
                                                               332 \DeclareRobustCommandx{\@newtxtoarg}[5][1=, 3=, 4=, 5=]
                                                               333 {\newtxtarg[#1]{#2}[#3][#4][]{#5}[]}
                                                               334 \DeclareRobustCommandx{\@snewtxtoarg}[5][1=, 3=, 4=, 5=]
                                                               335 {\newtxtarg![#1]{#2}[#3][#4][]{#5}[]}
\newtxtoargsty ... to do!
                                                                        • \mbox{\normalize} \{\mbox{\normalize} \{\mbox{\normalize} \} \{\mbox{\normalize} \} [\mbox{\normalize} ] [\mbox{\normalize} ] = "Name_{sub}^{sup} (\mbox{\normalize} ] "
                                                                        • \newtxtoargsty{\rmfamily}[\sffamily]{Name}[sub][sup][Arg] = "Name_sub_(Arg)"
                                                                        • \newtxtoargsty{\rmfamily}[\ttfamily]{Name}[sub][sup][Arg] = "Name_sub_(Arg)"
                                                                         • \new txtoargsty! {\new [sub] [sub] [sup] [Arg] = "Name_{sub}^{sup} (Arg)"}
                                                                        • \new txtoargsty! {\new txt
                                                                         • \newtxtoargsty!{\rmfamily}[\ttfamily]{Name}[sub][sup][Arg] = "Name_sub_(Arg)"
                                                               336 \DeclareRobustCommand{\newtxtoargsty}
                                                               337 {\ifexclavar{\@snewtxtoargsty}{\@newtxtoargsty}}
                                                               338 \DeclareRobustCommandx{\@newtxtoargsty}[2][2=]
                                                               339 {\newtxtoarg[\defval{#2}{#1}]}
                                                               340 \DeclareRobustCommandx{\@snewtxtoargsty}[2][2=]
                                                              341 {\newtxtoarg![\defval{#2}{#1}]}
               \newtxtpar ... to do!
                                                                         \bullet \texttt{ \  \  } \texttt{[Ext1] \{Par\}[Ext2]} = \texttt{``Name}^{\sup}_{\sup} \texttt{Ext1}[Par] \texttt{Ext2''} 
                                                                        • \newtxtpar[\sffamily]{Name}[sub][sup][Ext1]{Par}[Ext2] = "Name_sub_Ext1[Par]Ext2"
                                                                        • \newtxtpar[\ttfamily]{Name}[sub][sup][Ext1]{Par}[Ext2] = "Name_sub_Ext1[Par]Ext2"
                                                                        • \newtxtpar! [\rmfamily] {Name} [sub] [sup] [Ext1] {Par} [Ext2] = "Name_sup_Ext1[Par] Ext2"
                                                                        • \newtxtpar![\sffamily]{Name}[sub][sup][Ext1]{Par}[Ext2] = "Name_{sub}^{sup}Ext1[Par]Ext2"
                                                                         \bullet \texttt{ \  \  } \texttt{[Xttfamily][Name][sub][sup][Ext1][Par][Ext2]} = \texttt{``Name}^{sup}_{sub}\texttt{Ext1[Par]Ext2''} 
                                                               342 \DeclareRobustCommand{\newtxtpar}
                                                               343 {\ifexclavar{\@snewtxtpar}{\@newtxtpar}}
                                                               344 \DeclareRobustCommandx{\@newtxtpar}[7][1=, 3=, 4=, 5=, 7=]
                                                               345 \quad {\texttt{\newtxt[#1]{#2}[#3][#4][\argmid{#5[}{#6}{]#7}]}}
                                                               346 \DeclareRobustCommandx{\@snewtxtpar}[7][1=, 3=, 4=, 5=, 7=]
                                                              347 {\newtxt![#1]{#2}[#3][#4][\argmid{#5[}{#6}{]#7}]}
   \newtxtparsty ... to do!
                                                                        • \newtxtparsty{\rmfamily}{Name}[sub][sup][Ext1]{Par}[Ext2] = "Name_{\rm sub}^{\rm sup}Ext1[Par]Ext2"
                                                                        • \newtxtparsty{\rmfamily}[\sffamily]{\Name}[sub][sup][Ext1]{\Par}[Ext2] = "Name_sub_Ext1[\Par]Ext2"
                                                                         \bullet \mathtt{Name}^{\sup}_{\mathrm{Sub}}[\mathrm{Sub}][\mathrm{Sup}][\mathrm{Ext1}] \\ + \mathrm{Par}_{\mathrm{Ext2}} = \mathtt{Name}^{\sup}_{\mathrm{Sub}} \\ + \mathrm{Ext2}_{\mathrm{Ext2}} = \mathtt{Ext2}_{\mathrm{Ext2}} \\ + \mathrm{Ext2}_{\mathrm{Ext2
                                                                         • \newtxtparsty!{\rmfamily}{Name}[sub][sup][Ext1]{Par}[Ext2] = "Name_{\text{sub}}^{\text{sup}}Ext1[Par]Ext2"
                                                                         • \newtxtparsty! {\rmfamily} [\sffamily] {Name} [sub] [sup] [Ext1] {Par} [Ext2] = "Name_sup_Ext1[Par]Ext2"
                                                                         \bullet \mathtt{Name}_{\mathrm{sub}}^{\mathrm{sup}}[\mathtt{Ext1}] \\ \{\mathtt{Par}_{\mathrm{Ext2}} = \mathtt{``Name}_{\mathrm{sub}}^{\mathrm{sup}}\mathtt{Ext1}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{``Name}_{\mathrm{Ext2}}^{\mathrm{sup}}\mathtt{Ext1}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{``Name}_{\mathrm{Ext2}}^{\mathrm{sup}}\mathtt{Ext2}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{``Name}_{\mathrm{Ext2}}^{\mathrm{sup}}\mathtt{Ext2}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{``Name}_{\mathrm{Ext2}}^{\mathrm{sup}}\mathtt{Ext2}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{``Name}_{\mathrm{Ext2}}^{\mathrm{sup}}\mathtt{Ext2}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{``Name}_{\mathrm{Ext2}}^{\mathrm{ext2}}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{```Name}_{\mathrm{Ext2}}^{\mathrm{ext2}}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{```Name}_{\mathrm{Ext2}}^{\mathrm{ext2}}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{````Name}_{\mathrm{Ext2}}^{\mathrm{ext2}}[\mathtt{Par}_{\mathrm{Ext2}}] \\ = \mathtt{````Name}_{\mathrm{Ext2}}^{
                                                               348 \DeclareRobustCommand{\newtxtparsty}
                                                               349 {\ifexclavar{\@snewtxtparsty}{\@newtxtparsty}}
                                                               350 \DeclareRobustCommandx{\@newtxtparsty}[2][2=]
                                                               351 {\newtxtpar[\defval{#2}{#1}]}
                                                               352 \DeclareRobustCommandx{\@snewtxtparsty}[2][2=]
                                                              353 {\newtxtpar![\defval{#2}{#1}]}
            \newtxtopar ... to do!
                                                                         \bullet \texttt{ \  \  } \texttt{[Sub] [Sup] [Par]} = \texttt{``Name}^{\sup}_{\sup}[Par]" 
                                                                        • \newtxtopar[\sffamily]{Name}[sub][sup][Par] = "Name_sub_[Par]"
                                                                         • \newtxtopar[\ttfamily]{Name}[sub][sup][Par] = "Name sub [Par]"
```

• \newtxtopar! [\rmfamily] {Name} [sub] [sup] [Par] = "Name_sub_[Par]"

```
• \newtxtopar! [\sffamily] {Name} [sub] [sup] [Par] = "Name_sub_[Par]"
                    • \newtxtopar! [\ttfamily] {Name} [sub] [sup] [Par] = "Name sub [Par]"
                 354 \DeclareRobustCommand{\newtxtopar}
                 355 {\ifexclavar{\@snewtxtopar}{\@newtxtopar}}
                 356 \DeclareRobustCommandx{\@newtxtopar}[5][1=, 3=, 4=, 5=]
                     {\newtxtpar[#1]{#2}[#3][#4][]{#5}[]}
                 358 \DeclareRobustCommandx{\@snewtxtopar}[5][1=, 3=, 4=, 5=]
                      {\newtxtpar![#1]{#2}[#3][#4][]{#5}[]}
\newtxtoparsty ... to do!
                    • \mbox{\ensuremath{\mbox{Name}} (Sub) [Sup] [Par] = "Name}_{sub} [Par]"}
                    • \newtxtoparsty{\rmfamily}[\sffamily]{Name}[sub][sup][Par] = "Namesup[Par]"
                    • \newtxtoparsty{\rmfamily}[\ttfamily]{Name}[sub][sup][Par] = "Name_sub_[Par]"
                    • \newtxtoparsty!{\rmfamily}{Name}[sub][sup][Par] = "Name_sub_[Par]"
                    • \newtxtoparsty!{\rmfamily}[\sffamily]{Name}[sub][sup][Par] = "Name_sub_Par]"
                    • \newtxtoparsty!{\rmfamily}[\ttfamily]{Name}[sub][sup][Par] = "Name_sub_[Par]"
                 360 \DeclareRobustCommand{\newtxtoparsty}
                     {\ifexclavar{\@snewtxtoparsty}{\@newtxtoparsty}}
                 362 \DeclareRobustCommandx{\@newtxtoparsty}[2][2=]
                 363 {\newtxtopar[\defval{#2}{#1}]}
                 364 \DeclareRobustCommandx{\@snewtxtoparsty}[2][2=]
                     {\newtxtopar![\defval{#2}{#1}]}
    \txtsubsup ... to do!
                    • \t \ \txtsubsup[\sffamily]{Aa}{Bb} = "Bb" Aa
                    • \txtsubsup[\ttfamily]{Aa}{Bb} = \(\frac{\alpha Bb}{Aa}\)
                 366 \DeclareRobustCommand{\txtsubsup}[3][]
                      {\ensuremath{\empchk{#2}{_{\text{1}}}}\empchk{#3}{^{\text{2}}}}
                 \txt ... to do!
                    • \txt{Name}[sub][sup][Ext] = "Name_sub_Ext"
                    • \txt[\scshape]{Name}[sub][sup][Ext] = "NAME_SUP_EXT"
                    • \txt[\bfseries]{Name}[sub][sup][Ext] = "Name_sub_Ext"
                    • \txt!{Name}[sub][sup][Ext] = "Name_sub_Ext"
                    • \txt! [\scshape] {Name} [sub] [sup] [Ext] = "NAME_SUB_EXT"
                    • \text{txt!}[\text{bfseries}]{\text{Name}}[\text{sub}][\text{sup}][\text{Ext}] = \text{"Name}_{\text{sub}}^{\text{sup}}\text{Ext"}
                 369 \verb|\DeclareRobustCommand{\txt}|
                     {\ifexclavar{\newtxtsty!{\txtsty}}{\newtxtsty{\txtsty}}}
       \txtarg ... to do!
                    • \txtarg{Name}[sub][sup][Ext1]{Arg}[Ext2] = "Name sup Ext1(Arg)Ext2"
                    • \txtarg[\scshape]{Name}[sub][sup][Ext1]{Arg}[Ext2] = "NAMESUBEXT1(ARG)EXT2"
                    • \txtarg[\bfseries] {Name} [sub] [sub] [Ext1] {Arg} [Ext2] = "Name_sub_Ext1(Arg)Ext2"
                    • \text{txtarg!}\{\text{Name}\}[\text{sub}][\text{sup}][\text{Ext1}]\{\text{Arg}\}[\text{Ext2}] = \text{"Name}_{\text{sub}}^{\text{sup}}\text{Ext1}(\text{Arg})\text{Ext2}"
                    • \txtarg! [\scshape] {Name} [sub] [sup] [Ext1] {Arg} [Ext2] = "NAMESUB EXT1(ARG)EXT2"
                    • \txtarg! [\bfseries] {\name} [\sub] [\sup] [\sut1] {\arg} [\set2] = "\name_{\sub} Ext1(\arg) Ext2"
                 371 \DeclareRobustCommand{\txtarg}
                     {\ifexclavar{\newtxtargsty!{\txtsty}}{\newtxtargsty{\txtsty}}}
      \txtoarg ... to do!
                    • \text{txtoarg{Name}[sub][sup][Arg]} = \text{"Name}_{\text{sub}}^{\text{sup}}(Arg)"
                    • \text{txtoarg[\scshape]} \{\text{Name}\} [\text{sub}] [\text{Arg}] = \text{"Name}_{\text{SUB}}^{\text{SUP}} (\text{Arg})"
```

```
• \text{txtoarg[\bfseries]}\{\text{Name}\}[\text{sub}][\text{sup}][\text{Arg}] = \text{"Name}_{\text{sub}}^{\text{sup}}(\text{Arg})"
                • \txtoarg!{Name}[sub][sup][Arg] = "Name<sup>sup</sup><sub>sub</sub>(Arg)"
                 \qquad \qquad \bullet \ \texttt{[Name][Sub][Sup][Arg]} = \text{``Name}_{SUB}^{SUP}(ARG)\text{''} \\
                373 \DeclareRobustCommand{\txtoarg}
                 {\ifexclavar{\newtxtoargsty!{\txtsty}}{\newtxtoargsty{\txtsty}}}
    \txtpar ... to do!
                • \text{txtpar{Name}}[\text{sub}][\text{sup}][\text{Ext1}]{Par}[\text{Ext2}] = \text{"Name}_{\text{sub}}^{\text{sup}}\text{Ext1}[\text{Par}]\text{Ext2}"
                • \text{txtpar}[\schape]{Name}[\sub][\sup][\schape] = "Name$_{SUB}^{SUP}Ext1[\protect\scalebox{PAR}]Ext2"
                • \txtpar!{Name}[sub][sup][Ext1]{Par}[Ext2] = "Name_sub_Ext1[Par]Ext2"
                • \txtpar! [\scshape] {Name} [sub] [sup] [Ext1] {Par} [Ext2] = "NAME_SUP EXT1 [PAR] EXT2"
                • \txtpar![\bfseries]{Name}[sub][sup][Ext1]{Par}[Ext2] = "Name_sub_Ext1[Par]Ext2"
              375 \DeclareRobustCommand{\txtpar}
                 {\ifexclavar{\newtxtparsty!{\txtsty}}{\newtxtparsty{\txtsty}}}
   \txtopar ... to do!
                • \txtopar{Name}[sub][sup][Par] = "Name_sub_[Par]"
                • \txtopar[\scshape]{Name}[sub][sup][Par] = "NAME_SUB[PAR]"
                • \txtopar[\bfseries]{Name}[sub][sup][Par] = "Name sub [Par]"
                • \text{txtopar!}\{\text{Name}\}[\text{sub}][\text{sup}][\text{Par}] = \text{"Name}_{\text{sub}}^{\text{sup}}[\text{Par}]"
                • \t \ [\scshape] {Name} [sub] [sup] [Par] = "NAME_{SUB}^{SUP} [PAR]"
                 \qquad \qquad \bullet \  \  \, \texttt{Name}[sub][sub][Par] = "Name_{sub}^{sup}[Par]" \\
              377 \DeclareRobustCommand{\txtopar}
                  {\ifexclavar{\newtxtoparsty!{\txtsty}}{\newtxtoparsty{\txtsty}}}
    \txtsty ... to do!
              379 \DeclareRobustCommand{\txtsty}
                  {\mdseries\upshape\rmfamily}
             \cmdtxt ... to do!
                \cmdtxt{NewCmd}; \newcommand{txtstyNewCmd}{\scshape\ttfamily};
                  \verb|\txtNewCmd{Name}[sub][sup][Ext] = \verb|\Name|_{SUB}^{SUP}Ext|
                  \verb|\txtNewCmd!{Name}[sub][sup][Ext]| = \verb|\Name| Sup| Ext|
              382 \DeclareRobustCommand{\cmdtxt}[1]
              383 {\csdef{txt#1}}%
                      {\protect\ifexclavar%
              384
                        {\tt \{\newtxtsty!{\tt csname txtsty\#1\nedcsname}\}\%}
              385
                        {\newtxtsty{\csname txtsty#1\endcsname}}}}
             386
 \cmdtxtarg ... to do!
                • \cmdtxtarg{NewCmd}; \newcommand{txtstyNewCmd}{\scshape\ttfamily};
                  \verb|\txtargNewCmd{Name}[sub][sup][Ext1]{Arg}[Ext2] = \verb|\Name|_{SUB}^{SUP}Ext1(Arg)Ext2|
                  \verb|\txtargNewCmd!{Name}[sub][sup][Ext1]{Arg}[Ext2] = \verb|\txtargNewEmd!{Arg}[Ext1](Arg)Ext2|
              387 \DeclareRobustCommand{\cmdtxtarg}[1]
                   {\csdef{txtarg#1}%
              389
                      {\protect\ifexclavar%
                        {\newtxtargsty!{\csname txtsty#1\endcsname}}%
              390
              391
                        {\newtxtargsty{\csname txtsty#1\endcsname}}}}
\cmdtxtoarg ... to do!
                \cmdtxtoarg{NewCmd}; \newcommand{txtstyNewCmd}{\scshape\ttfamily};
                   \t \sum_{SUB} [Sub] [Sup] [Arg] = NAME_{SUB} (Arg)
```

```
392 \DeclareRobustCommand{\cmdtxtoarg}[1]
                        393
                                  {\csdef{txtoarg#1}%
                        394
                                      {\protect\ifexclavar%
                                          {\newtxtoargsty!{\csname txtsty#1\endcsname}}%
                        395
                                          {\newtxtoargsty{\csname txtsty#1\endcsname}}}}
                        396
 \cmdtxtpar ... to do!
                             • \cmdtxtpar{NewCmd}; \newcommand{txtstyNewCmd}{\scshape\ttfamily};
                                397 \DeclareRobustCommand{\cmdtxtpar}[1]
                                  {\csdef{txtpar#1}%
                        398
                                      {\protect\ifexclavar%
                        399
                                          {\newtxtparsty!{\csname txtsty#1\endcsname}}%
                        400
                                          {\newtxtparsty{\csname txtsty#1\endcsname}}}}
                        401
\cmdtxtopar ... to do!
                             • \cmdtxtopar{NewCmd}; \newcommand{txtstyNewCmd}{\scshape\ttfamily};
                                \label{eq:local_local_local_local} $$ \operatorname{Local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_local_
                                \txtoparNewCmd!{Name}[sub][sup][Par] = NAME_SUB_[PAR]
                        402 \DeclareRobustCommand{\cmdtxtopar}[1]
                                  {\csdef{txtopar#1}%
                        403
                                      {\protect\ifexclavar%
                        404
                                          {\newtxtoparsty!{\csname txtsty#1\endcsname}}%
                        405
                        406
                                          {\newtxtoparsty{\csname txtsty#1\endcsname}}}}
  \cmdtxtall ... to do!
                             • \cmdtxtall{NewCmd}; \newcommand{txtstyNewCmd}{\scshape\ttfamily};
                                \mathsf{TXTNewCmd}\{\mathsf{Name}\}[\mathsf{sub}][\mathsf{sup}][\mathsf{Ext}] = \mathsf{NAME}^{\mathsf{SUP}}_{\mathsf{SUB}}\mathsf{EXT}
                                \txtargNewCmd{Name}[sub][sup][Ext1]{Arg}[Ext2] = NAME_SUP_EXT1(ARG)EXT2
                                \t Name [sub] [sup] [Arg] = Name_{SUB} (Arg)
                                \texttt{\txtparNewCmd}\{\texttt{Name}\}[\texttt{sub}][\texttt{sup}][\texttt{Ext1}]\{\texttt{Par}\}[\texttt{Ext2}] = \texttt{Name}^{\texttt{SUP}}_{\texttt{SUB}}\texttt{Ext1}[\texttt{Par}]\texttt{Ext2}
                                \t \ [sub] [sup] [Par] = Name_{SUB}^{SUP} [Par]
                        407 \DeclareRobustCommand{\cmdtxtall}[1]
                                {\cmdtxt{#1}\cmdtxtarg{#1}\cmdtxtoarg{#1}\cmdtxtpar{#1}\cmdtxtopar{#1}}
                        \usrtxt ... to do!
                             • \usrtxt{cmdName}{Suf}{};
                                \colonerge{cmdName} = cmdName
                                \cmdNameSuf* = cmdName*
                                \usrtxt{cmdName}{Suf}{arg};
                                \cmdNameSuf{Arg} = cmdName(Arg)
                                \c MameSuf!{Arg} = cmdName(Arg)
                                 \usrtxt{cmdName}{Suf}{par};
                                 \cmdNameSuf{Par} = cmdName[Par]
                                 \cmdNameSuf!{Par} = cmdName[Par]
                             \usrtxt{cmdName}{Suf}{}[newName];
                                 \c MameSuf = newName
                                \c \mbox{\cmdNameSuf*} = \mbox{\cmdName *}
                                \usrtxt{cmdName}{Suf}{arg}[newName];
                                \c MameSuf{Arg} = newName(Arg)
                                \cmdNameSuf!{Arg} = newName(Arg)
                                \usrtxt{cmdName}{Suf}{par}[newName];
                                \cmdNameSuf{Par} = newName[Par]
                                \c MameSuf!{Par} = newName[Par]
                        410 \DeclareRobustCommandx{\usrtxt}[4][4=]
                                 {\csdef{#1#2}%
                        411
                                      {\protect\ifexclavar%
                        412
                                          {\csname txt#3\endcsname!{\defval{#4}{#1}}}%
                        413
                        414
                                          {\csname txt#3\endcsname{\defval{#4}{#1}}}}
```

```
\newmth ... to do!
                                                                                                                                                                        • \newmth[mathrm] {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup} Ext"
                                                                                                                                                                         • \newmth[mathsf]{Name}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                         • \newmth[mathtt]{Name}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                         • \newmth! [mathrm] {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                         • \newmth! [mathsf] {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                         • \newmth! [mathtt] {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                419 \DeclareRobustCommand{\newmth}
                                                                                                                                                                                                  {\ifexclavar{\@snewmth}{\@newmth}}
                                                                                                                                                  421 \DeclareRobustCommandx{\Qnewmth}[5][1=, 3=, 4=, 5=]
                                                                                                                                                                                             {\ensuremath{\csname#1\endcsname{#2}\mthsubsup{#3}{#4}#5}}
                                                                                                                                                423 \DeclareRobustCommandx{\@snewmth}[5][1=, 3=, 4=, 5=]
                                                                                                                                                                                       {\ensuremath{\csname#1\endcsname #2\mthsubsup{#3}{#4}#5}}
                             \newmthsty ... to do!
                                                                                                                                                                        • \newmthsty{mathrm}{Name}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                         • \newmthsty{mathrm}[mathsf]{Name}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                         • \newmthsty{mathrm}[mathtt]{Name}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                         • \newmthsty! {mathrm} {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup} Ext"
                                                                                                                                                                         • \newmthsty! {mathrm} [mathsf] {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup}Ext"
                                                                                                                                                                          \bullet \ \texttt{\  \  } \ \texttt{\  \  } \ \texttt{\  \  } \ \texttt{\  \  \  } \ \texttt{\  \  \ }
                                                                                                                                                425 \DeclareRobustCommand{\newmthsty}
                                                                                                                                                                                          {\ifexclavar{\@snewmthsty}{\@newmthsty}}
                                                                                                                                                427 \DeclareRobustCommandx{\@newmthsty}[2][2=]
                                                                                                                                                                                               {\newmth[\defval{#2}{#1}]}
                                                                                                                                                  429 \DeclareRobustCommandx{\@snewmthsty}[2][2=]
                                                                                                                                                                                            {\newmth![\defval{#2}{#1}]}
                               \newmtharg ... to do!
                                                                                                                                                                         \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ \  \  \  } \texttt{ \  \  } 
                                                                                                                                                                         \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ \  \  \  } \texttt{ \  \  } 
                                                                                                                                                                          \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ 
                                                                                                                                                                          \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ 
                                                                                                                                                                          \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ \  \  \  } \texttt{ \  \  } 
                                                                                                                                                431 \DeclareRobustCommand{\newmtharg}
                                                                                                                                                                                            {\ifexclavar{\@snewmtharg}{\@newmtharg}}
                                                                                                                                                  433 \DeclareRobustCommandx{\Onewmtharg}[7][1=, 3=, 4=, 5=, 7=]
                                                                                                                                                                                         {\newmth[#1]{#2}[#3][#4][\argmid{#5\!\left(}{#6}{\right)\arglef{\!}{#7}}]}
                                                                                                                                                435 \DeclareRobustCommandx{\@snewmtharg}[7][1=, 3=, 4=, 5=, 7=]
                                                                                                                                                                                         {\newmth[#1]{#2}[#3][#4][\argmid{#5(}{#6}{)#7}]}
\newmthargsty ... to do!
                                                                                                                                                                        • \newmthargsty{mathrm}{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}}[Ext2] = "Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2"
                                                                                                                                                                         • \newmthargsty{mathrm}[mathsf]{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = "Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2" = "Name_{sub}^{sup}Ext1(Arg^{Ex})Ext2" = "Name_{sub}^{sup}Ext1(Arg^{Ex})Ext2" = "Name_{sub}^{sup}Ext1(Arg^{Ex})Ext2" = "Name_{sub}^{sup}Ext1(Arg^{Ex})Ext2" = "Name_{sub}^{sup}Ext1(Arg^{Ex})Ext2" = "Name_{sub}^{
                                                                                                                                                                          \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ \  \  \  } \texttt{ \  \  }
```

```
 \bullet \texttt{ \newmthargsty! \{mathrm\}\{Name\}[sub][sup][Ext1]\{Arg^{\{Ex^{\{Ex\}\}\}}[Ext2]} = "Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2" \} } \\
```

- $\bullet \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ } \texttt{$
- $\bullet \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ }$

437 \DeclareRobustCommand{\newmthargsty}

- 438 {\ifexclavar{\@snewmthargsty}{\@newmthargsty}}
- 439 \DeclareRobustCommandx{\@newmthargsty}[2][2=]
- 440 {\newmtharg[\defval{#2}{#1}]}
- 441 \DeclareRobustCommandx{\@snewmthargsty}[2][2=]
- 442 {\newmtharg![\defval{#2}{#1}]}

\newmthoarg ... to do!

- \newmthoarg[mathrm] {Name} [sub] [sup] [Arg^{Ex^{Ex}}] = "Name_{sub}^{sup} (Arg^{Ex^{Ex}})" = "Name_{sub}^{sub} (Arg^{Ex})" = "Name_{sub}^{
- $\bullet \ \texttt{\name} \ \texttt{\n$
- $\bullet \ \texttt{Name}[sub][sup][Arg^{Ex^{2}}] = "Name^{sup}_{sub}(Arg^{Ex^{Ex}})" \\$
- \newmthoarg! [mathsf] {Name} [sub] [sup] [Arg^{Ex^{Ex}}] = "Name_{sub}^{sup} (Arg^{Ex^{Ex}})"
- $\bullet \ \texttt{\newmthoarg![mathtt]{Name}[sub][sup][Arg^{Ex^{}}{Ex}]} = "\texttt{\normalfoat} (Arg^{Ex^{Ex}})"$

443 \DeclareRobustCommand{\newmthoarg}

- 444 {\ifexclavar{\@snewmthoarg}{\@newmthoarg}}
- 445 \DeclareRobustCommandx{\@newmthoarg}[5][1=, 3=, 4=, 5=]
- 446 {\newmtharg[#1]{#2}[#3][#4][]{#5}[]}
- 447 \DeclareRobustCommandx{\@snewmthoarg}[5][1=, 3=, 4=, 5=]
- 448 {\newmtharg![#1]{#2}[#3][#4][]{#5}[]}

\newmthoargsty ... to do!

- \newmthoargsty{mathrm}{Name}[sub][sup][Arg^{Ex^{Ex}}] = "Name_{sub}^{sup} (Arg^{Ex^{Ex}})"
- $\bullet \ \texttt{\name} \ \texttt{\n$
- $\bullet \ \texttt{\ \ } \ \texttt{\ \ \ } \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ \ } \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \$
- \newmthoargsty! {mathrm} {Name} [sub] [sup] [Arg^{Ex^{Ex}}] = "Name_{sub}^{sup} (Arg^{Ex^{Ex}})"
- $\bullet \verb| \newmthoargsty!{mathrm}[mathsf]{Name}[sub][sup][Arg^{Ex^{}}] = "Name_{sub}^{sup}(Arg^{Ex^{Ex}})"$

$449 \verb|\DeclareRobustCommand{\newmthoargsty}|$

- 450 {\ifexclavar{\@snewmthoargsty}{\@newmthoargsty}}
- 451 \DeclareRobustCommandx{\@newmthoargsty}[2][2=]
- 452 {\newmthoarg[\defval{#2}{#1}]}
- 453 \DeclareRobustCommandx{\@snewmthoargsty}[2][2=]
- 454 {\newmthoarg![\defval{#2}{#1}]}

\newmthpar ... to do!

- $\bullet \mathtt{Name}_{sub}^{sup} \mathtt{[Sub][sup][Ext1]} \mathtt{[Par^{Ex^{Ex}}]} \mathtt{[Ext2]} = \mathtt{``Name}_{sub}^{sup} Ext1 \mathtt{[} Par^{Ex^{Ex}} \mathtt{]} Ext2 \mathtt{''} \mathtt{[} Ext2 \mathtt{''} \mathtt{[} Par^{Ex^{Ex}} \mathtt{[} Par^{E$
- $\bullet \ \texttt{\newmthpar[mathsf]{Name}[sub][sub][Ext1]{Par^{Ex^{Ex}}}} \ [\texttt{Ext2}] = \texttt{``Name}_{sub}^{sup} Ext1 \Big[Par^{Ex^{Ex}} \Big] Ext2 \texttt{''}$
- $\bullet \texttt{ \newmthpar[mathtt] \{Name\}[sub] [sup] [Ext1] \{Par^{\{Ex^{}\}}\} [Ext2] = "Name_{sub}^{sup} Ext1 \Big[Par^{Ex^{Ex}} \Big] Ext2" } \\$
- $\bullet \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ } \texttt{$
- \newmthpar! [mathsf] {Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = "Name $_{sub}^{sup} Ext1[Par^{Ex^{Ex}}] Ext2$ "
- \newmthpar! [mathtt] {Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = "Name $_{sub}^{sup} Ext1[Par^{Ex^{Ex}}] Ext2$ "

```
455 \DeclareRobustCommand{\newmthpar}
                                                                                                       456 {\ifexclavar{\Osnewmthpar}{\Onewmthpar}}
                                                                                                       457 \DeclareRobustCommandx{\@newmthpar}[7][1=, 3=, 4=, 5=, 7=]
                                                                                                       459 \DeclareRobustCommandx{\@snewmthpar}[7][1=, 3=, 4=, 5=, 7=]
                                                                                                                                    {\newmth[#1]{#2}[#3][#4][\argmid{#5[}{#6}{]#7}]}
      \newmthparsty ... to do!
                                                                                                                      • \newmthparsty{mathrm} [mathsf] {Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = "Name_{sub}^{sup} Ext1 \Big[ Par^{Ex^{Ex}} \Big] Ext2"
                                                                                                                        \bullet \verb| \newmthparsty{mathrm}[mathtt]{Name}[sub][sup][Ext1]{Par^{Ex^{-}}[Ext2]} = "Name_{sub}^{sup}Ext1\Big[Par^{Ex^{-}Ex}\Big]Ext2" + (1-c)^{-1} + (1-c)^
                                                                                                                         \bullet \mathtt{Name}_{sub}[\mathtt{Sub}][\mathtt{Sup}][\mathtt{Ext1}] \\ \{\mathtt{Par}^{\{\mathtt{Ex}^{\}}\}}[\mathtt{Ext2}] = \mathtt{``Name}_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2] \\ = \mathtt{``Name}_{sub}^{sup}Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{E
                                                                                                                         \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ 
                                                                                                                         \bullet \texttt{ \  \  } \texttt{ \  \  \  } \texttt{ 
                                                                                                         461 \DeclareRobustCommand{\newmthparsty}
                                                                                                                                          {\ifexclavar{\@snewmthparsty}{\@newmthparsty}}
                                                                                                       462
                                                                                                       463 \DeclareRobustCommandx{\@newmthparsty}[2][2=]
                                                                                                                                         {\newmthpar[\defval{#2}{#1}]}
                                                                                                       465 \DeclareRobustCommandx{\@snewmthparsty}[2][2=]
                                                                                                                                         {\newmthpar![\defval{#2}{#1}]}
                   \newmthopar ... to do!
                                                                                                                       • \newmthopar[mathrm]{Name}[sub][sup][Par^{Ex^{Ex}}] = "Name_{sub}^{sup}[Par^{Ex^{Ex}}]"
                                                                                                                        \bullet \ \texttt{\ \ } \ \texttt{\ \ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\ \ }} \ \texttt{\ \ }} \ \texttt{\ \ } \ \texttt{\ \ }} \ \texttt{\  }} \ \texttt{\ \ }} \ \texttt{\  }} \ \texttt{\ \ } \texttt{\ \ }} \ \texttt{\ \ } \texttt{\ \ }} \ \texttt{\ \ }
                                                                                                                       • \newmthopar[mathtt]{Name}[sub][sup][Par^{Ex^{Ex}}] = "Name_{sub}^{sup}[Par^{Ex^{Ex}}]"
                                                                                                                        • \newmthopar! [mathrm] {Name} [sub] [sup] [Par^{Ex^{Ex}}] = "Name _{sub}^{sup} [Par^{Ex^{Ex}}]"
                                                                                                                        • \newmthopar! [mathsf] {Name} [sub] [sup] [Par^{Ex^{Ex}}] = "Name _{sub}^{sup} [Par^{Ex^{Ex}}]"
                                                                                                                         \bullet \verb| \newmthopar! [mathtt] { Name } [sub] [sup] [Par^{Ex^*}[Ex^*]] = "Name^{\sup}_{sub} [Par^{Ex^{Ex}}]" 
                                                                                                       467 \DeclareRobustCommand{\newmthopar}
                                                                                                                                 {\ifexclavar{\@snewmthopar}{\@newmthopar}}
                                                                                                       469 \DeclareRobustCommandx{\Qnewmthopar}[5][1=, 3=, 4=, 5=]
                                                                                                                                   {\newmthpar[#1]{#2}[#3][#4][]{#5}[]}
                                                                                                         471 \DeclareRobustCommandx{\@snewmthopar}[5][1=, 3=, 4=, 5=]
                                                                                                                                         {\newmthpar![#1]{#2}[#3][#4][]{#5}[]}
\newmthoparsty ... to do!
                                                                                                                       • \newmthoparsty{mathrm}{Name}[sub][sup][Par^{Ex^{Ex}}] = "Name_{sub}^{sup}[Par^{Ex^{Ex}}]"
                                                                                                                       • \newmthoparsty! {mathrm} {Name} [sub] [sup] [Par^{Ex^{Ex}}] = "Name _{sub}^{sup} [Par^{Ex^{Ex}}]"
                                                                                                                         \bullet \verb| \newmthoparsty!{mathrm}[mathsf]{Name}[sub][sup][Par^{Ex^{Ex}}]] = "Name_{sub}^{sup}[Par^{Ex^{Ex}}]" = "Name_{sub}^{sup}[Par^{Ex}]" = "Name_{sub}^{sup}[Par^{Ex}]" = "Name_{sub}^{sub}[Par^{Ex}]" = "Name_{sub}^{sup}[Par^{Ex}]" = "Name_{sub}^{sup}[Par^{Ex}
                                                                                                                         \bullet \verb| \newmthoparsty!{mathrm}[mathtt]{Name}[sub][sup][Par^{Ex^{Ex}}] = "Name_{sub}^{sup}[Par^{Ex^{Ex}}]" 
                                                                                                       473 \DeclareRobustCommand{\newmthoparsty}
                                                                                                                                          {\ifexclavar{\@snewmthoparsty}{\@newmthoparsty}}
                                                                                                         475 \DeclareRobustCommandx{\@newmthoparsty}[2][2=]
                                                                                                                                          {\newmthopar[\defval{#2}{#1}]}
                                                                                                       477 \DeclareRobustCommandx{\@snewmthoparsty}[2][2=]
                                                                                                                                  {\newmthopar![\defval{#2}{#1}]}
```

```
\mthsubsup \dots to \mathrm{do}!
                                                                           479 \DeclareRobustCommand{\mthsubsup}[2]
                                                                                                        {\empchk{#1}{_{#1}}\empchk{#2}{^{#2}}}
                                                                             \mth ... to do!
                                                                                            • \mathbb{E}_{sub}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                             • \mathbf{Name}_{sub}^{sup}[\mathbf{Ext}] = \mathbf{Name}_{sub}^{sup}Ext
                                                                                             • \mathcal{E}_{sub}[Sub][Sup][Ext] = \mathcal{E}_{sub}[Sub][Sup][Ext]
                                                                                             • \mth!{Name}[sub][sup][Ext] = "Name_{sub}^{sup}Ext"
                                                                                             • \mth! [mathbf] {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup}Ext"
                                                                                             • \mth! [mathtt] {Name} [sub] [sup] [Ext] = "Name_{sub}^{sup}Ext"
                                                                            482 \DeclareRobustCommand{\mth}
                                                                                                        {\ifexclavar{\newmthsty!{\mthsty}}}{\newmthsty{\mthsty}}}
                   \mtharg ... to do!
                                                                                           • \mtharg{Name} [sub] [sup] [Ext1] {Arg^{Ex^{Ex}}} [Ext2] = "Name_{sub}^{sup} Ext1 (Arg^{Ex^{Ex}}) Ext2" | Ex
                                                                                            • \mtharg[mathtt] {Name} [sub] [sup] [Ext1] {Arg^{Ex^{}}} [Ext2] = "Name_{sub}^{sup} Ext1 (Arg^{Ex^{Ex}}) Ext2" = "Name_{sub}^{sub} Ext1 (Arg^{Ex}) Ext2" = "Name_{sub}^{sub} Ext1 (
                                                                                             \bullet \  \  \, \texttt{`Mame}[Sub][Sub][Ext1] \{ \texttt{Arg}^{} \{ \texttt{Ex}^{} \} \} [\texttt{Ext2}] = "Name_{sub}^{sup} Ext1 (Arg^{Ex}^{Ex}) Ext2" \} = "Name_{sub}^{sup} Ext1 (Arg^{Ex}^{Ex}) Ext2 (Arg^{Ex}^{Ex}) Ext2 (Arg^{Ex}^{Ex}) = "Name_{sub}^{sup} Ext1 (Arg^{Ex}^{Ex}) Ext2 (Arg^{Ex}^{Ex}) = "Name_{sub}^{sup} Ext1 (Arg^{Ex}^{Ex}) Ext2 (Arg^{Ex}^{Ex}^{Ex}) = "Name_{sub}^{sup} Ext2 (Arg^{Ex}^{Ex}) = "Name_{sub}^{sup} Ext2 (Arg^{Ex}^{
                                                                                             \bullet \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ } \texttt{ \ \ } \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ } \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ } \texttt{ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ } \texttt{ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ \ \ } \texttt{ \ \ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \ \ \ \ } \texttt{ \ \ \ \ \ } \texttt{ \
                                                                                             484 \DeclareRobustCommand{\mtharg}
                                                                                                      {\ifexclavar{\newmthargsty!{\mthsty}}}{\newmthargsty{\mthsty}}}
           \mthoarg ... to do!
                                                                                           • \mthoarg{Name} [sub] [sup] [Arg^{Ex^{Ex}}] = "Name_{sub}^{sup} (Arg^{Ex^{Ex}})"
                                                                                            • \mthoarg[mathbf] {Name} [sub] [sup] [Arg^{Ex^{Ex}}] = "Name_{sub}^{sup} (Arg^{Ex^{Ex}})"
                                                                                            • \mthoarg!{Name}[sub][sup][Arg^{Ex^{Ex}}] = "Name_{sub}^{sup}(Arg^{Ex^{Ex}})"
                                                                                             • \mthoarg! [mathbf] {Name} [sub] [sup] [Arg^{Ex^{Ex}}] = "Name_{sub}^{sup} (Arg^{Ex^{Ex}})"
                                                                                             \bullet \  \, \texttt{\  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  \  } \\ \texttt{\  \  \  } \\ \texttt{\  \  \  \  \  } \\ \texttt{\  \  \  \  } \\ \texttt{\  \  \  \  } \\ \texttt{\  \
                                                                             486 \DeclareRobustCommand{\mthoarg}
                                                                                                             {\c {\tt \c lavar{\tt \c mthsty}}} {\tt \c mthsty}} 
                   \mthpar ... to do!
                                                                                            \bullet \verb| \mathbb{Sub}[sub][sup][Ext1] \{ Par^{Ex^{Ex}} \} \} [Ext2] = "Name^{sup}_{sub} Ext1 \Big[ Par^{Ex^{Ex}} \Big] Ext2" \} 
                                                                                            • \mthpar[mathtt] {Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = "Name _{sub}^{sup} Ext1 [Par^{Ex^{Ex}}] Ext2"
                                                                                             • \mthpar!{Name}[sub][sup][Ext1]{Par^{Ex^{Ex}}}[Ext2] = "Name_{col}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2" = "Name_{col}^{sup}Ext1[Par^{Ex}]Ext2" = "Name_{col}^{sup}Ext1[Par^{Ex}]Ext2" = "Name_{col}^{sup}Ext2" = "Name_{co
                                                                                             488 \DeclareRobustCommand{\mthpar}
                                                                                                          {\ifexclavar{\newmthparsty!{\mthsty}}{\newmthparsty{\mthsty}}}
           \mthopar ... to do!
```

```
• \mthopar{Name}[sub][sup][Par^{Ex^{Ex}}] = "Name_{sub}^{sup}[Par^{Ex^{Ex}}]"
                                            • \mthopar[mathbf] {Name} [sub] [sup] [Par^{Ex^{Ex}}] = "Name_{sub}^{sup} [Par^{Ex^{Ex}}]"
                                           \bullet \  \, \texttt{\bar{Ex^{Ex}}} ] = \texttt{\bar{Name}} [\texttt{Sub}] [\texttt{Sup}] [\texttt{Par^{Ex^{Ex}}}] = \texttt{\bar{Name}} [Par^{Ex^{Ex}}] "
                                            • \mthopar!{Name}[sub][sup][Par^{Ex^{Ex}}] = "Name_{sub}^{sup}[Par^{Ex^{Ex}}]"
                                            • \mthopar! [mathbf] {Name} [sub] [sup] [Par^{Ex^{Ex}}] = "Name _{sub}^{sup} [Par^{Ex^{Ex}}]"
                                            • \mthopar! [mathtt] {Name} [sub] [sup] [Par^{Ex^{Ex}}] = "Name _{sub}^{sup} [Par^{Ex^{Ex}}]"
                                     490 \DeclareRobustCommand{\mthopar}
                                                   {\ifexclavar{\newmthoparsty!{\mthsty}}}\newmthoparsty{\mthsty}}}
           \mthsty ... to do!
                                    492 \def\mthsty
                                    \cmdmth ... to do!
                                           • \cmdmth{NewCmd}; \newcommand{mthstyNewCmd}{\mathtt};
                                                 \mbox{\t Name} [ \mbox{sup} ] [ \mbox{\t Ext} ] = \mbox{\t Name}_{sub}^{sup} Ext ]
                                                 \verb|\mbox| \verb|\mbox| mthNewCmd! {\tt Name} [\tt sub] [\tt sup] [\tt Ext] = \verb|\mbox| ame sub Ext|
                                    495 \DeclareRobustCommand{\cmdmth}[1]
                                    496 {\csdef{mth#1}%
                                                         {\bf \{\protect\ifexclavar{\newmthsty!\{mthsty#1\}}}{\bf \{\newmthsty\{mthsty#1\}\}}}
                                    497
  \cmdmtharg ... to do!
                                           • \cmdmtharg{NewCmd}; \newcommand{mthstyNewCmd}{\mathtt};
                                                \mthargNewCmd! {Name} [sub] [sup] [Ext1] {Arg^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1(Arg^{Ex^{Ex}}) Ext2
                                    498 \DeclareRobustCommand{\cmdmtharg}[1]
                                                   {\csdef{mtharg#1}%
                                                         {\protect\ifexclavar{\newmthargsty!{mthsty#1}}}\newmthargsty{mthsty#1}}}
                                    500
\cmdmthoarg ... to do!
                                            • \cmdmthoarg{NewCmd}; \newcommand{mthstyNewCmd}{\mathtt};
                                                \verb|\mbox| \verb|\mbox| | [sup] [Arg^{Ex^{Ex}}] = \verb|\mbox| | [sup] [Arg^{Ex^{Ex}}] = \verb|\mbox| | [sup] | [s
                                                 \verb|\mbox| \verb|\mbox| thoargNewCmd! {\tt Name} [sub] [sup] [\verb|\mbox| arg^{\{Ex^{\{Ex\}}\}}] = \verb|\mbox| arg^{Ex^{Ex}})
                                    501 \DeclareRobustCommand{\cmdmthoarg}[1]
                                    502 {\csdef{mthoarg#1}%
                                                         {\protect\ifexclavar{\newmthoargsty!{mthsty#1}}}{\newmthoargsty{mthsty#1}}}}
                                    503
  \cmdmthpar ... to do!
                                           • \cmdmthpar{NewCmd}; \newcommand{mthstyNewCmd}{\mathtt};
                                                 \verb|\mathparNewCmd{Name}[sub][sup][Ext1]{Par^{Ex^{}}}[Ext2] = \verb|\mathparNewCmd{Name}[sub]Ext1\Big[Par^{Ex^{Ex}}\Big]Ext2
                                                504 \DeclareRobustCommand{\cmdmthpar}[1]
                                                {\csdef{mthpar#1}%
                                     505
                                                         {\protect\ifexclavar{\newmthparsty!{mthsty#1}}}\newmthparsty{mthsty#1}}}
                                    506
\cmdmthopar ... to do!
                                            • \cmdmthopar{NewCmd}; \newcommand{mthstyNewCmd}{\mathtt};
                                                \verb|\mbox| \label{eq:lambda} $$ \mathbb{E}^{sup}[Par^{Ex^{Ex}}] = \mathbb{E}^{sup}[Par^{Ex^{Ex}}] $$
                                                \verb|\mbox| \verb|\mbox| ThoparNewCmd! {\tt Name} [sub] [sup] [Par^{\tt Ex^{\tt Ex}}] = \verb|\mbox| ame $^{sup}_{sub} [Par^{Ex^{\tt Ex}}] = |\mbox| ame $^{sup}_{sub} [Par^{\tt Ex^{\tt Ex^{\tt Ex}}] = |\mbox| ame $^{sup}_{sub} [Par^{\tt Ex^{\tt Ex^{
                                     507 \DeclareRobustCommand{\cmdmthopar}[1]
                                                 {\csdef{mthopar#1}%
                                                         {\protect\ifexclavar{\newmthoparsty!{mthsty#1}}}{\newmthoparsty{mthsty#1}}}}
                                     509
```

```
• \cmdmthall{NewCmd}; \newcommand{mthstyNewCmd}{\mathtt};
                                                                                                                                                   \mathcal{E}_{sub} [sub] [sup] [Ext] = \mathcal{E}_{sub}
                                                                                                                                                  \verb|\mathargNewCmd{Name}[sub][sup][Ext1]{Arg^{Ex^{*}}}[Ext2] = \verb|\mathargNewCmd{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = \verb|\mathargNewCmd{Name}[sub][sup][ext1][arg^{*}][ext2] = \verb|\mathargNewCmd{Name}[sub][sup][ext1][arg^{*}][ext2] = \verb|\mathargNewCmd{Name}[sub][sup][ext1][arg^{*}][ext2] = \verb|\mathargNewCmd{Name}[sub][sup][ext1][arg^{*}][ext2][sub][sup][ext1][arg^{*}][ext2][sub][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][sub][ext2][su
                                                                                                                                                   \verb|\mathargNewCmd!{Name}[sub][sup][Ext1]{Arg^{Ex^{*}}}[Ext2] = \verb|\mathargNewCmd!{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = \verb|\mathargNewCmd!{Name}[sub][sub][sup][Ext1][Sup][Ext1][Sup][Ext2] = \verb|\mathargNewCmd!{Name}[sub][sub][sup][Ext1][Sup][Ext1][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][Sup][Ext2][S
                                                                                                                                                  \verb|\mbox| $\operatorname{Sup}(\operatorname{Ext1}) = \operatorname{Name}_{sub}^{sup} Ext1 \Big[ Par^{Ex^{Ex}} \Big] Ext2 \Big] = \operatorname{Name}_{sub}^{sup} Ext2 \Big[ Par^{Ex^{Ex}} \Big] Ext2 \Big[ Par^{Ex^{Ex}} \Big] = \operatorname{Name}_{sub}^{sup} Ext2 \Big[ Par^{Ex} \Big] = \operatorname{Nam
                                                                                                                                                  \verb| mthparNewCmd! {Name} [sub] [sup] [Ext1] {Par^{Ex^{-}}{Ex}} [Ext2] = \verb| Name| | sub| | Ext1 [Par^{Ex^{-}}] | Ext2 | E
                                                                                                                                                  \label{eq:local_matter_exp} $$ \mathbf{Ex^{Ex}} = \mathbf{Name}_{sub}^{sup} \left[ Par^{Ex^{Ex}} \right] = \mathbf{Name}_{sub}^{sup} \left[ Par^{Ex} \right] = \mathbf{Name}_{sub}^{sup} \left[ Par^{E
                                                                                                                                                  \verb|\mbox| \label{eq:lambda} $$ \mathbb{E}^{sup}[Par^{Ex^{Ex}}] = \mathbb{E}^{sup}[Par^{Ex^{Ex}}] $$
                                                                                                                   510 \DeclareRobustCommand{\cmdmthall}[1]
                                                                                                                                                       {\cmdmth{#1}\cmdmtharg{#1}\cmdmthoarg{#1}\cmdmthpar{#1}\cmdmthopar{#1}}
                                                \usrmth ... to do!
                                                                                                                                     • \usrmth{cmdName}{Suf}{};
                                                                                                                                                   \c MameSuf = cmdName
                                                                                                                                                     \column{4}{c} 
                                                                                                                                                     \usrmth{cmdName}{Suf}{arg};
                                                                                                                                                   \label{eq:local_cond_name} $$ \operatorname{Arg^{Ex^{Ex}}}$ = cmdName \Big(Arg^{Ex^{Ex}}\Big) $$
                                                                                                                                                   \verb|\cmdNameSuf!{Arg^{Ex^{Ex}}}| = cmdName(Arg^{Ex^{E}})|
                                                                                                                                                   \usrmth{cmdName}{Suf}{par};
                                                                                                                                                  \label{eq:cmdName} $$\operatorname{Par}^{Ex^{Ex}}$ = cmdName | Par^{Ex^{Ex}}$
                                                                                                                                                  \verb|\cmdNameSuf!{Par^{Ex^{}}}| = cmdName[Par^{Ex^{Ex}}]|
                                                                                                                                       \usrmth{cmdName}{Suf}{} [newName];
                                                                                                                                                   \verb|\cmdNameSuf| = newName|
                                                                                                                                                     \c NameSuf* = newName*
                                                                                                                                                     \usrmth{cmdName}{Suf}{arg}[newName];
                                                                                                                                                   \label{eq:cmdNameSuf} $$\operatorname{Arg}^{Ex^{Ex}}$$ = newName\left(Arg^{Ex^{Ex}}\right)$
                                                                                                                                                   \verb|\cmdNameSuf!{Arg^{Ex^{Ex}}}| = newName(Arg^{Ex^{Ex}})
                                                                                                                                                   \usrmth{cmdName}{Suf}{par}[newName];
                                                                                                                                                   \label{eq:cmdNameSuf} $$ \operatorname{Ex^{Ex}}$ = newName \left[Par^{Ex^{Ex}}\right] $$
                                                                                                                                                  \verb|\cmdNameSuf!{Par^{Ex^{Ex}}}| = newName[Par^{Ex^{Ex}}]|
                                                                                                                  513 \DeclareRobustCommandx{\usrmth}[4][4=]
                                                                                                                  514 {\csdef{#1#2}%
                                                                                                                  515
                                                                                                                                                                           {\protect\ifexclavar%
                                                                                                                                                                                          {\csname mth#3\endcsname!{\defval{#4}{#1}}}%
                                                                                                                   516
                                                                                                                                                                                          {\csname mth#3\endcsname{\defval{#4}{#1}}}}
\usrmthlatlow ... to do!
                                                                                                                 519 \DeclareRobustCommandx{\usrmthlatlow}[4][4=]
                                                                                                                                                         {\mbox{\mbox{usrmth}$\#1${\#2}{\#3}[\#4] \seqoflatlow{$\#1$${\mbox{\mbox{mth}$\#3}}}}
\usrmthlatupp ... to do!
                                                                                                                   521 \DeclareRobustCommandx{\usrmthlatupp}[4][4=]
                                                                                                                                                  {\usrmth{#1}{#2}{#3}[#4]\seqoflatupp{#1#2}{mth#3}}
\usrmthlatlet ... to do!
                                                                                                                   523 \DeclareRobustCommandx{\usrmthlatlet}[4][4=]
                                                                                                                   524 {\usrmth{#1}{#2}{#3}[#4]\seqoflatlet{#1#2}{mth#3}}
```

 \c mdmthall ... to do!

```
\usrmthgrklow ... to do!
               525 \DeclareRobustCommandx{\usrmthgrklow}[4][4=]
               526 \qquad \{ \text{\t wsrmth} \{\#1\} \{\#2\} \{\#3\} \, [\#4] \, \text{\t seqofgrklow} \{\#1\#2\} \{\text{mth} \#3\} \}
\usrmthgrkupp ... to do!
               527 \DeclareRobustCommandx{\usrmthgrkupp}[4][4=]
               528 \{ \text{wsrmth} \{ \#1 \} \{ \#3 \} [ \#4 ] \ seqofgrkupp \{ \#1 \#2 \} \{ \#3 \} \} \}
\usrmthgrklet ... to do!
               529 \DeclareRobustCommandx{\usrmthgrklet}[4][4=]
               530 {\usrmth{#1}{#2}{#3}[#4]\seqofgrklet{#1#2}{mth#3}}
   \usrmthlow ... to do!
               531 \DeclareRobustCommandx{\usrmthlow}[4][4=]
               532 \quad \{\usrmth{\#1}{\#2}{\#3}[\#4] \seqoflow{\#1\#2}{mth\#3}\}
   \usrmthupp ... to do!
               533 \DeclareRobustCommandx{\usrmthupp}[4][4=]
               534 \{ \text{\mbox{\mbox{$1$}}} = 1,1,2,3,4 \} 
    \usrmthlet ... to do!
               535 \DeclareRobustCommandx{\usrmthlet}[4][4=]
               536 \{ \text{wsrmth} \{ \#1 \} \{ \#2 \} \{ \#4 \} \} \}
               541 \iftxtgen@
      \txtdef ... to do!
   \txtargdef
                  ullet \txtdef{Name}[sub][sup][Ext] = Name^{sup}_{sub}Ext
   \txtpardef
                  ullet \txtargdef{Name}[sub][sup][Ext1]{Arg}[Ext2] = Name_{sub}^{sup}Ext1(Arg)Ext2
                  • \txtpardef{Name}[sub][sup][Ext1]{Par}[Ext2] = Name_{sub}^{sup}Ext1[Par]Ext2
               542 %% Style for Definitions
               543 \cmdtxtall{def}
               544 \end{\text{\command}} \hbfseries\end{\text{\command}} \hbfseries\end{\text{\command}} \hbfseries\end{\command}
   \cmdtxtdef ... to do!
                  • \cmdtxtdef{cmdName};
                   \verb|\cmdName[sub][sub][ext]| = cmdName_{sub}^{sub}ext|
                  • \cmdtxtdef{cmdName}[newName];
                   \verb|\cmdName[sub][sub][ext]| = newName_{sub}^{sub}ext
               545 \DeclareRobustCommandx{\cmdtxtdef}[2][2=]
               546 {\usrtxt{#1}{}{def}[#2]}
\cmdtxtargdef ... to do!
                  \cmdtxtargdef{cmdName};
                    \cmdName[sub][sub][ext1]\{arg\}[ext2] = cmdName_{sub}^{sub}ext1(arg)ext2
                  \cmdtxtargdef{cmdName}[newName];
                   \colon = [sub] [sub] [ext1] {arg} [ext2] = newName^{sub}_{sub} ext1(arg) ext2
               547 \DeclareRobustCommandx{\cmdtxtargdef}[2][2=]
               548 {\usrtxt{#1}{}{argdef}[#2]}
\cmdtxtoargdef ... to do!
                  • \cmdtxtoargdef{cmdName};
                   \verb|\cmdName[sub][sub][arg]| = cmdName_{sub}^{sub}(arg)
                  \cmdtxtoargdef{cmdName}[newName];
                   \verb|\cmdName[sub][sub][arg]| = newName_{sub}^{sub}(arg)
```

```
549 \DeclareRobustCommandx{\cmdtxtoargdef}[2][2=]
                                  550 {\usrtxt{#1}{}{oargdef}[#2]}
  \cmdtxtpardef ... to do!
                                        \cmdtxtpardef{cmdName};
                                            \cmdName[sub][sub][ext1][par][ext2] = cmdName^{sub}_{sub}ext1[par]ext2
                                        \cmdtxtpardef{cmdName}[newName];
                                            \verb|\cmdName[sub][sub][ext1]{par}[ext2] = newName_{sub}^{sub}ext1[par]ext2
                                   551 \DeclareRobustCommandx{\cmdtxtpardef}[2][2=]
                                           {\usrtxt{#1}{}{pardef}[#2]}
\cmdtxtopardef ... to do!
                                        • \cmdtxtopardef{cmdName};
                                            \colon = cmdName[sub][sub][par] = cmdName[sub][par]
                                        \cmdtxtopardef{cmdName}[newName];
                                            \colon = newName[sub][sub][par] = newName[sub][par]
                                   553 \DeclareRobustCommandx{\cmdtxtopardef}[2][2=]
                                  554 {\usrtxt{#1}{}{opardef}[#2]}
               \txtabr ... to do!
        \txtargabr
                                        ullet \txtabr{Name}[sub][sup][Ext] = Name_{
m sub}^{
m sup}Ext
        \txtparabr
                                         \bullet \ \texttt{\txtargabr{Name}[sub][sup][Ext1]{Arg}[Ext2]} = Name^{\sup}_{\sup} Ext1(Arg) Ext2 
                                         \bullet \ \texttt{\txtparabr{Name}[sub][sup][Ext1]{Par}[Ext2]} = Name^{\sup}_{\sup} Ext1[Par]Ext2
                                  555 \%\% Style for Abbreviations
                                  556 \cmdtxtall{abr}
                                  557 \DeclareRobustCommand{\txtstyabr}{\em}
        \cmdtxtabr ... to do!
                                        • \cmdtxtabr{cmdName};
                                            \colon colon col
                                        • \cmdtxtabr{cmdName} [newName];
                                            \colon dName[sub][sub][ext] = newName_{sub}^{sub}ext
                                   558 \DeclareRobustCommandx{\cmdtxtabr}[2][2=]
                                  559 {\usrtxt{#1}{}{abr}[#2]}
  \cmdtxtargabr ... to do!
                                        • \cmdtxtargabr{cmdName};
                                            \cmdName[sub][sub][ext1]{arg}[ext2] = cmdName_{sub}^{sub}ext1(arg)ext2
                                        • \cmdtxtargabr{cmdName}[newName];
                                            \cmdName[sub][sub][ext1]{arg}[ext2] = newName_{sub}^{sub}ext1(arg)ext2
                                   560 \DeclareRobustCommandx{\cmdtxtargabr}[2][2=]
                                            {\usrtxt{#1}{}{argabr}[#2]}
\cmdtxtoargabr ... to do!
                                        • \cmdtxtoargabr{cmdName};
                                            \colon dName[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                                        • \cmdtxtoargabr{cmdName}[newName];
                                            \verb|\cmdName[sub][sub][arg]| = newName_{\rm sub}^{\rm sub}(arg)
                                   562 \DeclareRobustCommandx{\cmdtxtoargabr}[2][2=]
                                           {\usrtxt{#1}{}{oargabr}[#2]}
  \cmdtxtparabr ... to do!
                                        • \cmdtxtparabr{cmdName};
                                            \verb|\cmdName[sub][sub][ext1]{par}[ext2] = cmdName_{sub}^{sub}ext1[par]ext2|
                                        • \cmdtxtparabr{cmdName}[newName];
                                            \verb|\cmdName[sub][sub][ext1]{par}[ext2] = newName_{sub}^{sub}ext1[par]ext2|
```

```
564 \DeclareRobustCommandx{\cmdtxtparabr}[2][2=]
                                                                    {\usrtxt{#1}{}{parabr}[#2]}
   \cmdtxtoparabr ... to do!
                                                               \cmdtxtoparabr{cmdName};
                                                                    \verb|\cmdName[sub][sub][par]| = cmdName_{\rm sub}^{\rm sub}/par|
                                                               \cmdtxtoparabr{cmdName}[newName];
                                                                    \verb|\cmdName[sub][sub][par]| = newName_{\rm sub}^{\rm sub}/par|
                                                      566 \DeclareRobustCommandx{\cmdtxtoparabr}[2][2=]
                                                      567 {\usrtxt{#1}{}{oparabr}[#2]}
                                                      \txtname ... to do!
             \txtargname
                                                               \bullet \ \texttt{\txtname{Name}[sub][sup][Ext]} = Name^{SUP}_{SUB}EXT 
             \txtparname
                                                              • \text{txtargname}\{\text{Name}\}[\text{sub}][\text{sup}][\text{Ext1}]\{\text{Arg}\}[\text{Ext2}] = \text{Name}_{\text{SUB}}^{\text{SUP}}\text{Ext1}(\text{Arg})\text{Ext2}
                                                              • \text{txtparname}\{\text{Name}\}[\text{sub}][\text{sup}][\text{Ext1}]\{\text{Par}\}[\text{Ext2}] = \text{Name}_{\text{SUB}}^{\text{SUP}}\text{Ext1}[\text{Par}]\text{Ext2}
                                                       569 %% Style for Names
                                                       570 \cmdtxtall{name}
                                                      \cmdtxtname ... to do!
                                                              • \cmdtxtname{cmdName};
                                                                    \verb|\cmdName[sub][sub][ext]| = \texttt{CMDNAME}^{\texttt{SUB}}_{\texttt{SUB}} \texttt{EXT}
                                                               • \cmdtxtname{cmdName}[newName];
                                                                    572 \DeclareRobustCommandx{\cmdtxtname}[2][2=]
                                                                    {\usrtxt{#1}{}{name}[#2]}
   \cmdtxtargname ... to do!
                                                              • \cmdtxtargname{cmdName};
                                                                    \label{lem:cmdName} $$ \operatorname{[sub][sub][ext1]}_{arg}[ext2] = \operatorname{CMDNAME}_{SUB}^{SUB} \operatorname{EXT1}(\operatorname{ARG}) \operatorname{EXT2} $$
                                                               • \cmdtxtargname{cmdName}[newName];
                                                                    \verb|\cmdName[sub][sub][ext1]{arg}[ext2] = \verb|\newName[sub][sub][ext1]{arg}[ext2] = \verb|\newName[sub][sub][ext1]{arg}[ext2] = \verb|\newName[sub][ext1][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][
                                                      574 \DeclareRobustCommandx{\cmdtxtargname}[2][2=]
                                                      575 {\usrtxt{#1}{}{argname}[#2]}
\cmdtxtoargname ... to do!
                                                              • \cmdtxtoargname{cmdName};
                                                                    \colon 
                                                              • \cmdtxtoargname{cmdName}[newName];
                                                                    \verb|\cmdName[sub][sub][arg]| = NEWNAME_{SUB}^{SUB}(ARG)
                                                       576 \DeclareRobustCommandx{\cmdtxtoargname}[2][2=]
                                                                  {\usrtxt{#1}{}{oargname}[#2]}
   \cmdtxtparname ... to do!
                                                              • \cmdtxtparname{cmdName};
                                                                     \verb|\cmdName[sub][sub][ext1]{par}[ext2] = CMDNAME_{SUB}^{SUB}EXT1[PAR]EXT2
                                                               • \cmdtxtparname{cmdName}[newName];
                                                                     \label{lem:lemman} $$ \operatorname{Sub}[\operatorname{sub}][\operatorname{ext1}]_{\operatorname{par}}[\operatorname{ext2}] = \operatorname{NEWNAME}^{\operatorname{SUB}}_{\operatorname{SUB}} \operatorname{EXT1}[\operatorname{PAR}]_{\operatorname{EXT2}} $$
                                                      578 \DeclareRobustCommandx{\cmdtxtparname}[2][2=]
                                                                    {\usrtxt{#1}{}{parname}[#2]}
\cmdtxtoparname ... to do!
                                                              • \cmdtxtoparname{cmdName};
                                                                    \label{eq:cmdName} $$ \cmdName[sub][sub][par] = CMDNAME_{SUB}^{SUB}[PAR] $$
                                                               \cmdtxtoparname{cmdName}[newName];
                                                                    \verb|\cmdName[sub][sub][par]| = \verb|\NEWNAME_{SUB}^{SUB}[PAR]|
```

```
580 \DeclareRobustCommandx{\cmdtxtoparname}[2][2=]
                                                                              {\usrtxt{#1}{}{oparname}[#2]}
                           \txtcom ... to do!
               \txtargcom
                                                                      • \txtcom{Name}[sub][sup][Ext] = NAME_SUBEXT
               \txtparcom
                                                                       • \t xtargcom{Name}[sub][sup][Ext1]{Arg}[Ext2] = NAME_{SUB}^{SUP}EXT1(ARG)EXT2
                                                                         \qquad \qquad \bullet \ \texttt{\txtparcom{Name}[sub][sup][Ext1]{Par}[Ext2]} = NAME^{SUP}_{SUB}EXT1[PAR]EXT2 
                                                              582 %% Style for Complexities
                                                              583 \cmdtxtall{com}
                                                              584 \end{\textsc{Normalfont} wdseries\end{\textsc{Normalfont}} } \label{fig:Normalfont} $$ 184 \end{\textsc{Normalfont} wdseries\end{\textsc{Normalfont} } $$ 184 \end{\textsc{Normalfont} } $$ 184 \end{\textsc
               \cmdtxtcom ... to do!
                                                                       • \cmdtxtcom{cmdName};
                                                                              \colon 
                                                                        • \cmdtxtcom{cmdName} [newName];
                                                                              \verb|\cmdName[sub][sub][ext]| = \verb|\cmdName[sub][sub][ext]| = \verb|\cmdName[sub][sub][ext]|
                                                              585 \DeclareRobustCommandx{\cmdtxtcom}[2][2=]
                                                              586 {\usrtxt{#1}{}{com}[#2]}
   \cmdtxtargcom ... to do!
                                                                       • \cmdtxtargcom{cmdName};
                                                                              \verb|\cmdName[sub][sub][ext1]{arg}[ext2] = \verb|\cmdName[sub][sub][ext1]{arg}[ext2] = \verb|\cmdName[sub][sub][ext1][ext2] = \verb|\cmdName[sub][ext1][ext2] = \verb|\cmdName[sub][ext1][ext2] = \verb|\cmdName[sub][ext1][ext2] = \verb|\cmdName[sub][ext1][ext2] = \verb|\cmdName[sub][ext1][ext2][ext2] = \verb|\cmdName[sub][ext1][ext2][ext2][ext2] = \verb|\cmdName[sub][ext1][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2]
                                                                        • \cmdtxtargcom{cmdName} [newName];
                                                                              \cmdName[sub][sub][ext1]{arg}[ext2] = NEWNAME_{SUB}^{SUB}EXT1(ARG)EXT2
                                                              587 \DeclareRobustCommandx{\cmdtxtargcom}[2][2=]
                                                              588 {\usrtxt{#1}{}{argcom}[#2]}
\cmdtxtoargcom ... to do!
                                                                        \cmdtxtoargcom{cmdName};
                                                                              \cmdName[sub][sub][arg] = CMDNAME_{SUB}^{SUB}(ARG)
                                                                       • \cmdtxtoargcom{cmdName}[newName];
                                                                               \colon = NEWNAME_{SUB}^{SUB}(ARG)
                                                              589 \DeclareRobustCommandx{\cmdtxtoargcom}[2][2=]
                                                              590 {\usrtxt{#1}{}{oargcom}[#2]}
   \cmdtxtparcom ... to do!
                                                                       • \cmdtxtparcom{cmdName}:
                                                                              \cmdName[sub][sub][ext1]{par}[ext2] = CMDNAME_{SUB}^{SUB}EXT1[PAR]EXT2
                                                                        • \cmdtxtparcom{cmdName} [newName];
                                                                              \verb|\cmdName[sub][sub][ext1]{par}[ext2] = \verb|\cmdName[sub][sub][ext1][PAR]EXT2|
                                                              591 \DeclareRobustCommandx{\cmdtxtparcom}[2][2=]
                                                                             {\usrtxt{#1}{}{parcom}[#2]}
\cmdtxtoparcom ... to do!
                                                                       • \cmdtxtoparcom{cmdName};
                                                                              \colon = CMDNAME_{SUB}^{SUB}[PAR]
                                                                       • \cmdtxtoparcom{cmdName}[newName];
                                                                              \colon = NEWNAME_{SUB}^{SUB}[PAR]
                                                              593 \DeclareRobustCommandx{\cmdtxtoparcom}[2][2=]
                                                                             {\usrtxt{#1}{}{oparcom}[#2]}
                                                              600 \ifmthgen@
```

```
\mthname ... to do!
    \mthargname
                     • \mthname{NAME}[sub][sup][Ext] = \mathcal{NAME}_{sub}^{sup}Ext
    \mthparname
                     • \mthargname{\name}[\sub][\sup][\ext1]{\arg^{\infty}}[\ext2] = \mathcal{N} A \mathcal{M} \mathcal{E}^{\sup}_{\sub} E x t 1 \Big( A r g^{Ex^{Ex}} \Big) E x t 2
                      • \mthargname! {NAME} [sub] [sup] [Ext1] {Arg^{Ex^{}}} [Ext2] = \mathcal{NAME}^{sup}_{sub} Ext1(Arg^{Ex^{Ex}}) Ext2
                     • \mthparname! {NAME} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = \mathcal{NAME}_{sub}^{sup} Ext1[Par^{Ex^{Ex}}] Ext2
                   601 %% Style for Names
                   602 \cmdmthall{name}
                   603 \DeclareRobustCommand{\mthstyname}{\mathcal}
          \AName ... to do!
             \ldots A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                   604 \seqoflatupp{Name}{mthname}
    \cmdmthname ... to do!
                     • \cmdmthname{CMDNAME};
                        \CMDNAMEName[sub][sub][ext] = \mathcal{CMDNAME}_{sub}^{sub}ext
                     • \cmdmthname{cmdName}[NEWNAME];
                        \cmdNameName[sub][sub][ext] = \mathcal{NEWNAME}_{sub}^{sub}ext
                   605 \DeclareRobustCommandx{\cmdmthname}[2][2=]
                       {\usrmth{#1}{Name}{name}[#2]}
 \cmdmthargname ... to do!
                     • \cmdmthargname{CMDNAME};
                        \verb|\CMDNAMEName[sub][sub][ext1]{arg}[ext2] = \mathcal{CMDNAME}_{sub}^{sub}ext1(arg)ext2
                      • \cmdmthargname{cmdName}[NEWNAME];
                       \cmdNameName[sub][sub][ext1]{arg}[ext2] = \mathcal{NEWNAME}_{sub}^{sub}ext1(arg)ext2
                   607 \DeclareRobustCommandx{\cmdmthargname}[2][2=]
                        {\usrmth{#1}{Name}{argname}[#2]}
\cmdmthoargname ... to do!
                     • \cmdmthoargname{CMDNAME};
                       \verb|\CMDNAMEName[sub][sub][arg]| = \mathcal{CMDNAME}_{sub}^{sub}(arg)
                      • \cmdmthoargname{cmdName}[NEWNAME];
                        \verb|\cmdNameName[sub][sub][arg]| = \mathcal{NEWNAME}_{sub}^{sub}(arg)
                   609 \DeclareRobustCommandx{\cmdmthoargname}[2][2=]
                       {\usrmth{#1}{Name}{oargname}[#2]}
 \cmdmthparname ... to do!
                      \cmdmthparname{CMDNAME};
                       \verb|\CMDNAMEName[sub][sub][ext1]{par}[ext2] = \mathcal{CMDNAME}_{sub}^{sub}ext1[par]ext2
                      • \cmdmthparname{cmdName}[NEWNAME];
                       \cmdNameName[sub][sub][ext1]{par}[ext2] = \mathcal{NEWNAME}_{sub}^{sub}ext1[par]ext2
                   611 \DeclareRobustCommandx{\cmdmthparname}[2][2=]
                  612 {\usrmth{#1}{Name}{parname}[#2]}
\cmdmthoparname ... to do!
                      • \cmdmthoparname{CMDNAME};
                       \CMDNAMEName[sub][sub][par] = \mathcal{CMDNAME}_{sub}^{sub}[par]
                      • \cmdmthoparname{cmdName}[NEWNAME];
                        \cmdNameName[sub][sub][par] = \mathcal{NEWNAME}_{sub}^{sub}[par]
                   613 \DeclareRobustCommandx{\cmdmthoparname}[2][2=]
                   614 {\usrmth{#1}{Name}{oparname}[#2]}
         \mthfam ... to do!
     \mthargfam
```

\mthparfam

```
• \mthargfam{NAME} [sub] [sup] [Ext1] {Arg^{Ex^{Ex}}} [Ext2] = \mathcal{N} \mathcal{A} \mathcal{M} \mathcal{E}_{sub}^{sup} Ext1 \Big( Arg^{Ex^{Ex}} \Big) Ext2
                        • \mthargfam! {NAME} [sub] [sup] [Ext1] {Arg^{Ex^{}}} [Ext2] = \mathcal{NAME}_{sub}^{sup} Ext1(Arg^{Ex^{Ex}}) Ext2
                        \bullet \  \  \, \texttt{ \mthparfam! \{NAME\}[sub][sup][Ext1] \{Par^{\{Ex^{\{Ex\}\}}\}[Ext2]} = \mathcal{NAME}_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2]} = \mathcal{NAME}_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2] = \mathcal{NAME}_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2] = \mathcal{NAME}_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2
                     615 %% Style for Families
                     616 \cmdmthall{fam}
                     617 \DeclareRobustCommand{\mthstyfam}{\mathscr}
            \AFam ... to do!
               \dots \, \mathscr{A}, \mathscr{B}, \mathscr{C}, \mathscr{D}, \mathscr{E}, \mathscr{F}, \mathscr{G}, \mathscr{H}, \mathscr{I}, \mathscr{J}, \mathscr{K}, \mathscr{L}, \mathscr{M}, \mathscr{N}, \mathscr{O}, \mathscr{P}, \mathscr{Q}, \mathscr{R}, \mathscr{S}, \mathscr{T}, \mathscr{U}, \mathscr{V}, \mathscr{W}, \mathscr{X}, \mathscr{Y}, \mathscr{Z}
                     618 \seqoflatupp{Fam}{mthfam}
     \cmdmthfam ... to do!
                        \cmdmthfam{CMDNAME};
                          \CMDNAMEFam[sub][sub][ext] = \mathscr{CMDNAMEFam}[sub][sub][ext]
                        • \cmdmthfam{cmdName}[NEWNAME];
                          \cmdNameFam[sub][sub][ext] = \mathcal{NEWNAME}_{sub}^{sub}ext
                     619 \DeclareRobustCommandx{\cmdmthfam}[2][2=]
                     620 {\usrmth{#1}{Fam}{fam}[#2]}
 \cmdmthargfam ... to do!
                        • \cmdmthargfam{CMDNAME};
                          \CMDNAMEFam[sub][sub][ext1]{arg}[ext2] = \mathscr{CMDNAMEFam}[sub][sub][ext1]{arg}[ext2]
                        • \cmdmthargfam{cmdName}[NEWNAME];
                          \verb|\cmdNameFam[sub][sub][ext1]{arg}[ext2] = \mathscr{NEWNAME}^{sub}_{sub}ext1(arg)ext2
                     621 \DeclareRobustCommandx{\cmdmthargfam}[2][2=]
                     622 {\usrmth{#1}{Fam}{argfam}[#2]}
\cmdmthoargfam ... to do!
                        \cmdmthoargfam{CMDNAME};
                          \verb|\CMDNAMEFam[sub][sub][arg]| = \mathscr{CMDNAMEFam}[sub][sub][arg]| = \mathscr{CMDNAMEFam}[sub][sub][sub][arg]|
                        \cmdmthoargfam{cmdFam}[NEWNAME];
                          \verb|\cmdFamFam[sub][sub][arg]| = \mathscr{NEWNAME}^{sub}_{sub}(arg)
                     623 \DeclareRobustCommandx{\cmdmthoargfam}[2][2=]
                     624 {\usrmth{#1}{Fam}{oargfam}[#2]}
 \cmdmthparfam ... to do!
                        \cmdmthparfam{CMDNAME};
                          \verb|\CMDNAMEFam[sub][sub][ext1]{par}[ext2] = \mathscr{CMDNAMEFam}[sub][sub][ext1][par][ext2]
                        • \cmdmthparfam{cmdName}[NEWNAME];
                          \verb|\cmdNameFam[sub][sub][ext1]{par}[ext2] = \mathscr{NEWNAME}^{sub}_{sub}ext1[par]ext2
                     625 \DeclareRobustCommandx{\cmdmthparfam}[2][2=]
                          {\usrmth{#1}{Fam}{parfam}[#2]}
\cmdmthoparfam ... to do!
                        \cmdmthoparfam{CMDNAME};
                          \CMDNAMEFam[sub][sub][par] = \mathscr{CMDNAMEFam}[sub][par]
                        \cmdmthoparfam{cmdFam}[NEWNAME];
                          \verb|\cmdFamFam[sub][sub][par]| = \mathscr{NEWNAME}_{sub}^{sub}[par]
                     627 \DeclareRobustCommandx{\cmdmthoparfam}[2][2=]
                     628 {\usrmth{#1}{Fam}{oparfam}[#2]}
         \mthcls ... to do!
     \mthargcls
                        • \mthcls{NAME}[sub][sup][Ext] = \mathcal{NAME}_{sub}^{sup}Ext
     \mthparcls
```

```
• \mthargcls{NAME}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = NAME_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
                                                  \bullet \ \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt
                                                  • \mthparcls{NAME}[sub][sup][Ext1]{Par^{Ex^{Ex}}}[Ext2] = \mathcal{NAME}_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2
                                                  • \mthparcls! {NAME} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = \mathcal{NAME}^{sup}_{coll} Ext1[Par^{Ex^{Ex}}] Ext2
                                           629 %% Style for Classes
                                           630 \cmdmthall{cls}
                                           631 \DeclareRobustCommand{\mthstycls}{\matheus}
                        \ACls ... to do!
                              \dots A, B, C, D, E, F, G, H, J, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                                           632 \seqoflatupp{Cls}{mthcls}
          \cmdmthcls ... to do!
                                                  \cmdmthcls{CMDNAME};
                                                      \verb|\CMDNAMECls[sub][sub][ext]| = \verb|\CMDNAME| sub| ext|
                                                  • \cmdmthcls{cmdName}[NEWNAME];
                                                      \cmdNameCls[sub][sub][ext] = \mathcal{NEWNAME}_{sub}^{sub}ext
                                           633 \DeclareRobustCommandx{\cmdmthcls}[2][2=]
                                           634 {\usrmth{#1}{Cls}{cls}[#2]}
  \cmdmthargcls ... to do!
                                                  • \cmdmthargcls{CMDNAME};
                                                       \CMDNAMECls[sub][sub][ext1]{arg}[ext2] = \mathbb{CMDNAME}_{sub}^{sub}ext1(arg)ext2
                                                  • \cmdmthargcls{cmdName}[NEWNAME]:
                                                       \cmdNameCls[sub][sub][ext1]{arg}[ext2] = \mathcal{NEWNAME}_{sub}^{sub}ext1(arg)ext2
                                           635 \DeclareRobustCommandx{\cmdmthargcls}[2][2=]
                                                      {\usrmth{#1}{Cls}{argcls}[#2]}
\cmdmthoargcls ... to do!
                                                  • \cmdmthoargcls{CMDNAME};
                                                      \CMDNAMECls[sub][sub] [arg] = \mathcal{CMDNAME}_{sub}^{sub}(arg)
                                                  • \cmdmthoargcls{cmdCls}[NEWNAME];
                                                      \cmdClsCls[sub] [sub] [arg] = NEWNAME_{sub}^{sub}(arg)
                                           637 \DeclareRobustCommandx{\cmdmthoargcls}[2][2=]
                                                      {\usrmth{#1}{Cls}{oargcls}[#2]}
  \cmdmthparcls ... to do!
                                                  • \cmdmthparcls{CMDNAME};
                                                      \CMDNAMECls[sub] [sub] [ext1] {par} [ext2] = \text{CMDNAME}_{sub}^{sub} ext1[par] ext2
                                                  • \cmdmthparcls{cmdName}[NEWNAME];
                                                      \verb|\cmdNameCls[sub][sub][ext1]{par}[ext2] = NEWNAME_{sub}^{sub}ext1[par]ext2|
                                           639 \DeclareRobustCommandx{\cmdmthparcls}[2][2=]
                                           640 {\usrmth{#1}{Cls}{parcls}[#2]}
\cmdmthoparcls ... to do!
                                                  \cmdmthoparcls{CMDNAME};
                                                      \CMDNAMECls[sub][sub][par] = \text{CMDNAME}_{sub}^{sub}[par]
                                                  • \cmdmthoparcls{cmdCls}[NEWNAME];
                                                      \verb|\cmdClsCls[sub][sub][par]| = \verb|NEWNAME|_{sub}^{sub}[par]|
                                           641 \DeclareRobustCommandx{\cmdmthoparcls}[2][2=]
                                           642 {\usrmth{#1}{Cls}{oparcls}[#2]}
                   \mthsig ... to do!
           \mthargsig
                                                  • \mthsig{Name}[sub][sup][Ext] = \mathcal{N}_{ame_{sub}}^{sup}Ext
           \mthparsig
                                                  • \mthargsig{Name} [sub] [sup] [Ext1] {Arg^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1 (Arg^{Ex^{Ex}}) Ext2
```

```
• \mthargsig! {Name} [sub] [sup] [Ext1] {Arg^{Ex^{}}} [Ext2] = \Re me_{sub}^{sup} Ext1(Arg^{Ex^{Ex}}) Ext2
                                               • \mthparsig{Name}[sub][sup][Ext1]{Par^{Ex^{-}}{Ex}}}[Ext2] = Name^{sup}_{sub}Ext1[Par^{Ex^{Ex}}]Ext2
                                               • \mthparsig! {Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1 [Par^{Ex^{Ex}}] Ext2
                                         643 %% Style for Signatures
                                         644 \cmdmthall{sig}
                                         645 \DeclareRobustCommand{\mthstysig}{\mathpzc}
                       \aSig ... to do!
                             ... a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, \chi, y, z
                                       \mathcal{A}, \mathcal{B}, \mathcal{C}, \mathcal{D}, \mathcal{E}, \mathcal{F}, \mathcal{G}, \mathcal{H}, \mathcal{I}, \mathcal{I}, \mathcal{K}, \mathcal{L}, \mathcal{M}, \mathcal{N}, \mathcal{O}, \mathcal{P}, \mathcal{Q}, \mathcal{R}, \mathcal{S}, \mathcal{T}, \mathcal{U}, \mathcal{V}, \mathcal{W}, \mathcal{X}, \mathcal{Y}, \mathcal{Z}
                                       \alpha, \beta, \gamma, \delta, \epsilon, \varepsilon, \zeta, \eta, \theta, \vartheta, \iota, \kappa, \varkappa, \lambda, \mu, \nu, \xi, o, \pi, \varpi, \rho, \varrho, \sigma, \varsigma, \tau, \upsilon, \phi, \varphi, \chi, \psi, \omega
                                        646 \sqot Sig}{mthsig}\sqot Sig}{mthsig}
          \cmdmthsig ... to do!
                                               • \cmdmthsig{cmdName};
                                                   \cmdNameSig[sub][sub][ext] = cmdName_{sub}^{sub}ext
                                               • \cmdmthsig{cmdName}[NewName];
                                                   \colon dNameSig[sub][sub][ext] = NewName_{sub}^{sub}ext
                                         647 \DeclareRobustCommandx{\cmdmthsig}[2][2=]
                                                   {\usrmth{#1}{Sig}{sig}[#2]}
  \cmdmthargsig ... to do!
                                               • \cmdmthargsig{cmdName};
                                                   \verb|\cmdNameSig[sub][sub][ext1]{arg}[ext2] = \textit{cmdName}_{sub}^{sub}ext1(arg)ext2
                                               • \cmdmthargsig{cmdName}[NewName];
                                                   \cmdNameSig[sub][sub][ext1]{arg}[ext2] = \c NewName sub ext1(arg)ext2
                                         649 \DeclareRobustCommandx{\cmdmthargsig}[2][2=]
                                                   {\usrmth{#1}{Sig}{argsig}[#2]}
\cmdmthoargsig ... to do!
                                               • \cmdmthoargsig{cmdName};
                                                   \colon = cmdNameSig[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                                               \cmdmthoargsig{cmdSig}[NewName];
                                                   \verb|\cmdSigSig[sub][sub][arg]| = \textit{NewName}^{sub}_{sub}(arg)
                                         651 \DeclareRobustCommandx{\cmdmthoargsig}[2][2=]
                                                   {\usrmth{#1}{Sig}{oargsig}[#2]}
  \cmdmthparsig ... to do!
                                               • \cmdmthparsig{cmdName};
                                                   \verb|\cmdNameSig[sub][sub][ext1]{par}[ext2] = cmd Name_{sub}^{sub} ext1[par] ext2
                                               • \cmdmthparsig{cmdName}[NewName];
                                                   \cmdNameSig[sub][sub][ext1]{par}[ext2] = \c NewName sub ext1[par]ext2
                                         653 \DeclareRobustCommandx{\cmdmthparsig}[2][2=]
                                        654 {\usrmth{#1}{Sig}{parsig}[#2]}
\cmdmthoparsig ... to do!
                                               \cmdmthoparsig{cmdName};
                                                   \verb|\cmdNameSig[sub][sub][par]| = \textit{cmdName}_{sub}^{sub}[par]|
                                               • \cmdmthoparsig{cmdSig}[NewName];
                                                   \verb|\cmdSigSig[sub][sub][par]| = \textit{NewName}^{sub}_{sub}[par]|
                                         655 \DeclareRobustCommandx{\cmdmthoparsig}[2][2=]
                                        656 {\usrmth{#1}{Sig}{oparsig}[#2]}
                  \mthstr ... to do!
           \mthargstr
                                               ullet \mthstr{Name}[sub][sup][Ext] = \mathfrak{Name}_{sub}^{sup}Ext
          \mthparstr
                                              \bullet \ \texttt{\ \ } [\texttt{Ext1}] \ \{\texttt{Arg}^{\texttt{\ }} \{\texttt{Ex}^{\texttt{\ }}\}\} \ [\texttt{Ext2}] \ = \ \mathfrak{Name}^{sup}_{sub} Ext1 \Big(Arg^{Ex^{Ex}}\Big) Ext2 \\ = \ \mathfrak{Name}^{sup}_{sub} Ext2 \\ = \ \mathfrak{Name}^{sub}_{sub} Ext2 \\
```

```
• \mthargstr!{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}}[Ext2] = \mathfrak{Name}_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
                                                                                                 \bullet \ \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \  }} \texttt{\ \ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\  } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }
                                                                                                 \bullet \  \  \, \texttt{\begin{tabular}{l} $\operatorname{Ext1}$ {Par^{Ex^{Ex}}}$} \  \  \, & \texttt{\begin{tabular}{l} $\operatorname{Ext2}$} \  \  & \texttt{\begin{tabular}{l} $\operatorname{Ext2}$} \  \  \ & \texttt{\begin{tabular}{l} $\operatorname{Ext2}$} \  \  \ & \texttt{\begin{tabular}{l} $\operatorname{Ext2}$} \  \  \ & \texttt{\begin{tabular}{l} $\operatorname{Ext2}$} \  \  \ & \texttt{\begin{tabular}{l} $\operatorname{Ext2}$} \  \  \ & \texttt{\begin{tabular}{l} $\operatorname{Ext2}$} \  \  \ \ & \texttt
                                                                                    657 %% Style for Structures
                                                                                     658 \cmdmthall{str}
                                                                                    659 \DeclareRobustCommand{\mthstystr}{\mathfrak}
                                                           ... a, b, c, d, e, f, g, h, i, j, f, l, m, n, o, p, q, r, s, t, u, v, w, r, h, 3
                                                                               \mathfrak{A}, \mathfrak{B}, \mathfrak{C}, \mathfrak{D}, \mathfrak{E}, \mathfrak{F}, \mathfrak{G}, \mathfrak{H}, \mathfrak{I}, \mathfrak{I}, \mathfrak{K}, \mathfrak{L}, \mathfrak{M}, \mathfrak{N}, \mathfrak{D}, \mathfrak{P}, \mathfrak{Q}, \mathfrak{R}, \mathfrak{G}, \mathfrak{T}, \mathfrak{U}, \mathfrak{W}, \mathfrak{X}, \mathfrak{Y}, \mathfrak{Z}
                                                                               \alpha, \beta, \gamma, \delta, \epsilon, \varepsilon, \zeta, \eta, \theta, \vartheta, \iota, \kappa, \varkappa, \lambda, \mu, \nu, \xi, \mathfrak{o}, \pi, \varpi, \rho, \varrho, \sigma, \varsigma, \tau, \upsilon, \phi, \varphi, \chi, \psi, \omega
                                                                                   660 \seqoflatlet{Str}{mthstr}\seqofgrklow{Str}{mthstr}
                     \cmdmthstr ... to do!
                                                                                                 • \cmdmthstr{cmdName};
                                                                                                          \cmdNameStr[sub][sub][ext] = cmdMame_{sub}^{sub}ext
                                                                                                 • \cmdmthstr{cmdName}[NewName];
                                                                                                          \verb|\cmdNameStr[sub][sub][ext]| = \mathfrak{NewName}_{sub}^{sub}ext
                                                                                    661 \DeclareRobustCommandx{\cmdmthstr}[2][2=]
                                                                                                         {\usrmth{#1}{Str}{str}[#2]}
     \cmdmthargstr ... to do!
                                                                                                 • \cmdmthargstr{cmdName};
                                                                                                          \verb|\cmdNameStr[sub][sub][ext1]{arg}[ext2] = \verb|\cmdName|^{sub}_{sub}ext1(arg)ext2
                                                                                                 • \cmdmthargstr{cmdName}[NewName];
                                                                                                          \cmdNameStr[sub] [sub] [ext1] {arg} [ext2] = \mathfrak{NewName}_{sub}^{sub} ext1(arg) ext2
                                                                                     663 \DeclareRobustCommandx{\cmdmthargstr}[2][2=]
                                                                                                        {\usrmth{#1}{Str}{argstr}[#2]}
\cmdmthoargstr ... to do!
                                                                                                 • \cmdmthoargstr{cmdName};
                                                                                                          \colon dNameStr[sub][sub][arg] = cmd Mame_{sub}^{sub}(arg)
                                                                                                 • \cmdmthoargstr{cmdStr}[NewName];
                                                                                                          \verb|\cmdStrStr[sub][sub][arg]| = \mathfrak{NewName}_{sub}^{sub}(arg)
                                                                                    665 \DeclareRobustCommandx{\cmdmthoargstr}[2][2=]
                                                                                                          {\usrmth{#1}{Str}{oargstr}[#2]}
     \cmdmthparstr ... to do!
                                                                                                 • \cmdmthparstr{cmdName};
                                                                                                          \verb|\cmdNameStr[sub][sub][ext1][par][ext2] = cmd \mathfrak{Name}_{sub}^{sub} ext1[par]ext2
                                                                                                 • \cmdmthparstr{cmdName}[NewName];
                                                                                                          \verb|\cmdNameStr[sub][sub][ext1][par][ext2] = \mathfrak{NewName}_{sub}^{sub}ext1[par]ext2
                                                                                    667 \DeclareRobustCommandx{\cmdmthparstr}[2][2=]
                                                                                                        {\usrmth{#1}{Str}{parstr}[#2]}
\cmdmthoparstr ... to do!
                                                                                                 \cmdmthoparstr{cmdName};
                                                                                                          \verb|\cmdNameStr[sub][sub][par]| = \mathfrak{cmdMame}_{sub}^{sub}[par]|
                                                                                                 • \cmdmthoparstr{cmdStr}[NewName];
                                                                                                          \c Manuel Manu
                                                                                    669 \DeclareRobustCommandx{\cmdmthoparstr}[2][2=]
                                                                                   670 {\usrmth{#1}{Str}{oparstr}[#2]}
                                      \mthset ... to do!
                      \mthargset
                                                                                                 • \mthset{Name}[sub][sup][Ext] = Name_{sub}^{sup}Ext
                      \mthparset
                                                                                                 • \mthargset{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
```

```
• \mthargset!{Name}[sub][sup][Ext1]{Arg^{Ex^{}}}[Ext2] = Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
                      \bullet \  \  \, \texttt{ \member Mthparset! \{Name\}[sub][sup][Ext1] \{Par^{\{Ex^{}\}}\}[Ext2]} = Name_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2]
                   671 %% Style for Sets
                   672 \cmdmthall{set}
                   673 \DeclareRobustCommand{\mthstyset}{\mathrm}
    \mthargset a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
    \mthparset A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                  \alpha, \beta, \gamma, \delta, \epsilon, \varepsilon, \zeta, \eta, \theta, \vartheta, \iota, \kappa, \varkappa, \lambda, \mu, \nu, \xi, o, \pi, \varpi, \rho, \varrho, \sigma, \varsigma, \tau, \upsilon, \phi, \varphi, \chi, \psi, \omega
                  A, B, \Gamma, \Delta, E, E, Z, H, \Theta, \Theta, I, K, K, \Lambda, M, N, \Xi, O, \Pi, \Pi, P, P, \Sigma, \Sigma, T, \Upsilon, \Phi, \Phi, X, \Psi, \Omega
                   674 \seqoflet{Set}{mthset}
    \cmdmthset ... to do!
                      • \cmdmthset{cmdName};
                        \colon dNameSet[sub][sub][ext] = cmdName_{sub}^{sub}ext
                      • \cmdmthset{cmdName}[NewName];
                        \colon = NewName_{sub}^{sub} = NewName_{sub}^{sub} = xt
                   675 \DeclareRobustCommandx{\cmdmthset}[2][2=]
                   676 {\usrmth{#1}{Set}{set}[#2]}
 \cmdmthargset ... to do!
                      • \cmdmthargset{cmdName};
                        \cmdNameSet[sub][sub][ext1]{arg}[ext2] = cmdName_{sub}^{sub}ext1(arg)ext2
                      • \cmdmthargset{cmdName}[NewName];
                        \colon = NewName (sub) [sub] [ext1] {arg} [ext2] = NewName (sub) ext1 (arg) ext2
                   677 \DeclareRobustCommandx{\cmdmthargset}[2][2=]
                        {\usrmth{#1}{Set}{argset}[#2]}
\cmdmthoargset ... to do!
                      • \cmdmthoargset{cmdName};
                        \colon = cmdNameSet[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                      • \cmdmthoargset{cmdSet}[NewName];
                        \verb|\cmdSetSet[sub][sub][arg]| = NewName_{sub}^{sub}(arg)
                   679 \DeclareRobustCommandx{\cmdmthoargset}[2][2=]
                        {\usrmth{#1}{Set}{oargset}[#2]}
 \cmdmthparset ... to do!
                      • \cmdmthparset{cmdName};
                        \verb|\cmdNameSet[sub][sub][ext1]{par}[ext2] = cmdName_{sub}^{sub}ext1[par]ext2|
                      • \cmdmthparset{cmdName}[NewName];
                        \colon = NewName_{sub}^{sub}[sub][sub][ext1][par][ext2] = NewName_{sub}^{sub}ext1[par]ext2
                   681 \DeclareRobustCommandx{\cmdmthparset}[2][2=]
                       {\usrmth{#1}{Set}{parset}[#2]}
\cmdmthoparset ... to do!
                      \cmdmthoparset{cmdName};
                        \verb|\cmdNameSet[sub][sub][par]| = cmdName_{sub}^{sub}[par]|
                      \cmdmthoparset{cmdSet}[NewName];
                        \verb|\cmdSetSet[sub][par]| = NewName_{sub}^{sub}[par]|
                   683 \DeclareRobustCommandx{\cmdmthoparset}[2][2=]
                       {\usrmth{#1}{Set}{oparset}[#2]}
```

```
\cmdmthsetext ... to do!
                      685 \DeclareRobustCommandx{\cmdmthsetext}[3][2=, 3=]
                      686 {\cmdmthset{#1}[#2]\caselower[q]{#1}%
                      687 \usrmthlet{\thestring}{Sym}{sym}
                                [\defval{#3}{\defval{\mpchk{#2}}{\defval{\mpchk{#2}}}}]%
                      688
                             \usrmthlet{\thestring}{Elm}{elm}
                      689
                                [\defval{#3}{\defval{\mpchk{#2}}{\defval{\mpchk{#2}}}} \label{eq:lowercase{#2}}} \label{eq:lowercase{#2}}
                      690
          \mthrel ... to do!
     \mthargrel
                         • \mthrel{Name}[sub][sup][Ext] = Name_{sub}^{sup}Ext
     \mthparrel
                         • \mthargrel{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = Name^{sup}_{sub}Ext1(Arg^{Ex^{Ex}})Ext2
                         \bullet \  \  \, \texttt{\bargrel!{Name}[sub][sub][Ext1]{Arg^{Ex^{*}}Ext2]}} = Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
                          \bullet \ \texttt{\normalfine}[sub][sup][Ext1] \{ Par^{Ex^{f}} \} \} [Ext2] = Name_{sub}^{sup} Ext1 \Big[ Par^{Ex^{Ex}} \Big] Ext2 
                         • \mthparrel!{Name}[sub][sup][Ext1]{Par^{Ex^{Ex}}}[Ext2] = Name_{sub}^{sup}Ext1[Par^{Ex^{Ex}}]Ext2
                      691 %% Style for Relations
                      692 \mbox{cmdmthall{rel}}
                      693 \DeclareRobustCommand{\mthstyrel}{\mathit}
            \aRel ... to do!
               \dots a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
                     A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, L, T, U, V, W, X, Y, Z
                     \alpha,\,\beta,\,\gamma,\,\delta,\,\epsilon,\,\varepsilon,\,\zeta,\,\eta,\,\theta,\,\vartheta,\,\iota,\,\kappa,\,\varkappa,\,\lambda,\,\mu,\,\nu,\,\xi,\,o,\,\pi,\,\varpi,\,\rho,\,\varrho,\,\sigma,\,\varsigma,\,\tau,\,\upsilon,\,\phi,\,\varphi,\,\chi,\,\psi,\,\omega
                     A,\ B,\ \Gamma,\ \Delta,\ E,\ E,\ Z,\ H,\ \Theta,\ \Theta,\ I,\ K,\ K,\ \Lambda,\ M,\ N,\ \Xi,\ O,\ \Pi,\ \Pi,\ P,\ P,\ \Sigma,\ \Sigma,\ T,\ \varUpsilon,\ \varPhi,\ \varPhi,\ X,\ \Psi,\ \Omega
                      694 \seqoflet{Rel}{mthrel}
     \cmdmthrel ... to do!
                         • \cmdmthrel{cmdName};
                            \verb|\cmdNameRel[sub][sub][ext]| = cmdName_{sub}^{sub}ext
                         • \cmdmthrel{cmdName}[NewName];
                            \verb|\cmdNameRel[sub][sub][ext]| = NewName_{sub}^{sub}ext
                      695 \DeclareRobustCommandx{\cmdmthrel}[2][2=]
                           {\usrmth{#1}{Rel}{rel}[#2]}
 \cmdmthargrel ... to do!
                         • \cmdmthargrel{cmdName};
                            \verb|\cmdNameRel[sub][sub][ext1]{arg}[ext2] = cmdName_{sub}^{sub}ext1(arg)ext2
                         • \cmdmthargrel{cmdName}[NewName];
                            \cmdNameRel[sub][sub][ext1]{arg}[ext2] = NewName_{sub}^{sub}ext1(arg)ext2
                      697 \DeclareRobustCommandx{\cmdmthargrel}[2][2=]
                      698 {\usrmth{#1}{Rel}{argrel}[#2]}
\cmdmthoargrel ... to do!
                         \cmdmthoargrel{cmdName};
                            \colon dNameRel[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                         • \cmdmthoargrel{cmdRel}[NewName];
                            \colon drel [sub] [sub] [arg] = NewName_{sub}^{sub} (arg)
                      699 \DeclareRobustCommandx{\cmdmthoargrel}[2][2=]
                      700 {\usrmth{#1}{Rel}{oargrel}[#2]}
 \cmdmthparrel ... to do!
                         • \cmdmthparrel{cmdName};
                            \verb|\cmdNameRel[sub][sub][ext1]{par}[ext2] = cmdName_{sub}^{sub}ext1[par]ext2|
                         • \cmdmthparrel{cmdName}[NewName];
                            \colon dNameRel[sub][sub][ext1][par][ext2] = NewName_{sub}^{sub}ext1[par]ext2
                      701 \DeclareRobustCommandx{\cmdmthparrel}[2][2=]
                      702 {\usrmth{#1}{Rel}{parrel}[#2]}
```

```
\cmdmthoparrel ... to do!
                                                                                            • \cmdmthoparrel{cmdName};
                                                                                                     \colon dNameRel[sub][sub][par] = cmdName_{sub}^{sub}[par]
                                                                                           • \cmdmthoparrel{cmdRel}[NewName];
                                                                                                     \colon condRelRel[sub][sub][par] = NewName_{sub}^{sub}[par]
                                                                                703 \DeclareRobustCommandx{\cmdmthoparrel}[2][2=]
                                                                               704 {\usrmth{#1}{Rel}{oparrel}[#2]}
                                    \mthfun ... to do!
                    \mthargfun
                                                                                           • \mthfun{Name} [sub] [sup] [Ext] = Name_{sub}^{sup}Ext
                    \mthparfun
                                                                                          \bullet \  \, \texttt{\continuous} \ 
                                                                                            \bullet \  \  \, \texttt{\bar{Lxt1}[Sup][Ext1][Arg^{Ex^{-}}]} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext1}(Arg^{Ex^{Ex}})} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext1}(Arg^{Ex^{Ex}})} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Ext2}} \  \, \texttt{\bar{Ext2}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext2}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Ext2}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext2}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Ext2}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Ext2}} = \mathsf{\bar{Name}} \  \, \texttt{\bar{Name}} = \mathsf{\bar{Name}} = \mathsf{\ba
                                                                                           \bullet \  \  \, \texttt{Name} \  \  \, \texttt{[sub] [sup] [Ext1] \{Par^{\{Ex^{\{Ex\}}\}}\}[Ext2]} \  \, = \  \  \, \texttt{Name} \  \  \, \\ \text{$sub$ $Ext1$} \  \, \left[Par^{Ex^{Ex}}\right]Ext2] \  \, = \  \  \, \\ \text{$sub$ $ext2$} \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \right] \  \, \\ \text{$ext2$} \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \\ \text{$ext2$} \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \right] \  \, \\ \text{$ext2$} \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \right] \  \, \\ \text{$ext2$} \  \, \left[Par^{Ex^{Ex}}\right]Ext2 \  \, \left[Par^{Ex}\right]Ext2 \  \, \left
                                                                                           705 %% Style for Functions
                                                                                706 \cmdmthall{fun}
                                                                                707 \DeclareRobustCommand{\mthstyfun}{\mathsf}
                                             \aFun ... to do!
                                                        \dots a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
                                                                           A,\,B,\,C,\,D,\,E,\,F,\,G,\,H,\,I,\,J,\,K,\,L,\,M,\,N,\,O,\,P,\,Q,\,R,\,S,\,T,\,U,\,V,\,W,\,X,\,Y,\,Z
                                                                           \alpha,\,\beta,\,\gamma,\,\delta,\,\epsilon,\,\varepsilon,\,\zeta,\,\eta,\,\theta,\,\vartheta,\,\iota,\,\kappa,\,\varkappa,\,\lambda,\,\mu,\,\nu,\,\xi,\,\mathsf{o},\,\pi,\,\varpi,\,\rho,\,\varrho,\,\sigma,\,\varsigma,\,\tau,\,\upsilon,\,\phi,\,\varphi,\,\chi,\,\psi,\,\omega
                                                                           A, B, \Gamma, \Delta, E, E, Z, H, \Theta, \Theta, I, K, K, \Lambda, M, N, \Xi, O, \Pi, \Pi, P, P, \Sigma, \Sigma, T, \Upsilon, \Phi, \Phi, X, \Psi, \Omega
                                                                               708 \seqoflet{Fun}{mthfun}
                    \cmdmthfun ... to do!
                                                                                           • \cmdmthfun{cmdName};
                                                                                                    \verb|\cmdNameFun[sub][sub][ext]| = \verb|\cmdName|^{sub}_{sub} ext|
                                                                                            • \cmdmthfun{cmdName}[NewName];
                                                                                                    \cmbox{\cmdNameFun[sub][sub][ext]} = \cmbox{\cmdNameFun[sub]} = \cmbox{\cmdNameFun[sub]}
                                                                                709 \DeclareRobustCommandx{\cmdmthfun}[2][2=]
                                                                               710 {\usrmth{#1}{Fun}{fun}[#2]}
    \cmdmthargfun ... to do!
                                                                                           • \cmdmthargfun{cmdName};
                                                                                                    \cmdNameFun[sub][sub][ext1]{arg}[ext2] = cmdName_{sub}^{sub}ext1(arq)ext2
                                                                                           • \cmdmthargfun{cmdName}[NewName];
                                                                                                     \verb|\cmdNameFun[sub][sub][ext1]{arg}[ext2] = \verb|\NewName|^{sub}_{sub}ext1(arg)ext2
                                                                               711 \DeclareRobustCommandx{\cmdmthargfun}[2][2=]
                                                                                                   {\usrmth{#1}{Fun}{argfun}[#2]}
\cmdmthoargfun ... to do!
                                                                                           • \cmdmthoargfun{cmdName};
                                                                                                    \colon = cmdNameFun[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                                                                                            • \cmdmthoargfun{cmdFun}[NewName];
                                                                                                    \verb|\cmdFunFun[sub][sub][arg]| = \verb|\NewName|_{sub}^{sub}(arg)
                                                                               713 \DeclareRobustCommandx{\cmdmthoargfun}[2][2=]
                                                                               714 {\usrmth{#1}{Fun}{oargfun}[#2]}
    \cmdmthparfun ... to do!
                                                                                           • \cmdmthparfun{cmdName};
                                                                                                    \verb|\cmdNameFun[sub][sub][ext1]{par}[ext2] = \verb|\cmdName$| sub| ext1[par]ext2|
                                                                                            • \cmdmthparfun{cmdName} [NewName];
                                                                                                    \cmdNameFun[sub][sub][ext1]{par}[ext2] = NewName_{sub}^{sub}ext1[par]ext2
                                                                                715 \DeclareRobustCommandx{\cmdmthparfun}[2][2=]
                                                                                716 {\usrmth{#1}{Fun}{parfun}[#2]}
```

```
\cmdmthoparfun ... to do!
                                                                               \cmdmthoparfun{cmdName};
                                                                                       \verb|\cmdNameFun[sub][sub][par]| = \verb|\cmdNameSub|[par]|
                                                                               • \cmdmthoparfun{cmdFun}[NewName];
                                                                                       \cmbox{cmdFunFun[sub][sub][par]} = NewName_{sub}^{sub}[par]
                                                                     717 \DeclareRobustCommandx{\cmdmthoparfun}[2][2=]
                                                                    718 {\usrmth{#1}{Fun}{oparfun}[#2]}
                               \mthsym ... to do!
                  \mthargsym
                                                                               \bullet \ \texttt{\bar{Name}[sub][sup][Ext]} = \texttt{\bar{Name}}^{sup}_{sub} Ext
                  \mthparsym
                                                                               • \mthargsym{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
                                                                               \bullet \  \  \, \texttt{\bare}^{sup}[\texttt{Sup}][\texttt{Ext1}] \{\texttt{Arg}^{\{\texttt{Ex}^{\{\texttt{Ex}\}\}}\}}[\texttt{Ext2}] = \texttt{Name}^{sup}_{sub}Ext1(Arg^{Ex^{Ex}})Ext2
                                                                               \bullet \  \  \, \texttt{\bare}[Sub][Sub][Ext1] \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \ \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \ \, \\ \  \ \, \\ \  \ \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \\ \  \  \, \, \\ \  \  \, \\ \  \  \, \, \\ \ \ \, \, \\ \ \ \, \, \\ \  \, \, \\ \  \  \, \, \\ \  \, \, \, \\ \  \, \, \, \\ \  \,
                                                                               \bullet \  \  \, \texttt{\bare}[Sub][Sub][Ext1] \  \, \{\texttt{Par}^{\{\texttt{Ex}^{}\}}\}[\texttt{Ext2}] \  \, = \  \, \texttt{\bare}^{sup}_{sub}Ext1[Par^{Ex^{Ex}}]Ext2] \  \, = \  \, \texttt{\bare}^{sub}_{sub}Ext1[Par^{Ex^{Ex}}]Ext2 \  \, = \  \, \texttt{\bare}^{sub}_{sub}Ext2[Par^{Ex^{Ex}}]Ext2 \  \, = \  \, \texttt{\bare}^{sub}_{sub}Ext2[Par^{Ex^{Ex}}]Ext2 \  \, = \  \, \texttt{\bare}^{sub}_{sub}Ext2[Par^{Ex^{Ex}}]Ext2 \  \, = \  \, \texttt{\bare}^{sub}_{sub}Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{E
                                                                     719 %% Style for Symbols
                                                                     720 \cmdmthall{sym}
                                                                     721 \DeclareRobustCommand{\mthstysym}{\mathtt}
                                      \aSym ... to do!
                                                ... a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
                                                                 A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                                                                 \alpha,\,\beta,\,\gamma,\,\delta,\,\epsilon,\,\varepsilon,\,\zeta,\,\eta,\,\theta,\,\vartheta,\,\iota,\,\kappa,\,\varkappa,\,\lambda,\,\mu,\,\nu,\,\xi,\,\mathsf{o},\,\pi,\,\varpi,\,\rho,\,\varrho,\,\sigma,\,\varsigma,\,\tau,\,\upsilon,\,\phi,\,\varphi,\,\chi,\,\psi,\,\omega
                                                                 A, B, \Gamma, \Delta, E, E, Z, H, \Theta, \Theta, I, K, K, \Lambda, M, N, \Xi, O, \Pi, \Pi, P, P, \Sigma, \Sigma, T, \Upsilon, \Phi, \Phi, X, \Psi, \Omega
                                                                    722 \seqoflet{Sym}{mthsym}
                 \cmdmthsym ... to do!
                                                                               • \cmdmthsym{cmdName};
                                                                                      \colon colon col
                                                                               • \cmdmthsym{cmdName}[NewName];
                                                                                      \colon d NameSym[sub][sub][ext] = NewName_{sub}^{sub}ext
                                                                     723 \DeclareRobustCommandx{\cmdmthsym}[2][2=]
                                                                                     {\usrmth{#1}{Sym}{sym}[#2]}
    \cmdmthargsym ... to do!
                                                                               • \cmdmthargsym{cmdName};
                                                                                      \cmdNameSym[sub][sub][ext1]{arg}[ext2] = cmdName<math>_{sub}^{sub}ext1(arq)ext2
                                                                               • \cmdmthargsym{cmdName}[NewName];
                                                                                       \cmdNameSym[sub][sub][ext1]{arg}[ext2] = NewName_{sub}^{sub}ext1(arq)ext2
                                                                    725 \DeclareRobustCommandx{\cmdmthargsym}[2][2=]
                                                                                      {\usrmth{#1}{Sym}{argsym}[#2]}
\cmdmthoargsym ... to do!
                                                                               \cmdmthoargsym{cmdName};
                                                                                      • \cmdmthoargsym{cmdSym}[NewName];
                                                                                      \c mdSymSym[sub][sub][arg] = NewName_{sub}^{sub}(arg)
                                                                    727 \DeclareRobustCommandx{\cmdmthoargsym}[2][2=]
                                                                                     {\usrmth{#1}{Sym}{oargsym}[#2]}
    \cmdmthparsym ... to do!
                                                                               \cmdmthparsym{cmdName};
                                                                                      \cmdNameSym[sub][sub][ext1]{par}[ext2] = cmdName_{sub}^{sub}ext1[par]ext2
                                                                               • \cmdmthparsym{cmdName}[NewName];
                                                                                      \verb|\cmdNameSym[sub][sub][ext1]{par}[ext2] = \verb|\cmdNamesub| ext1[par]ext2|
                                                                     729 \DeclareRobustCommandx{\cmdmthparsym}[2][2=]
                                                                                    {\usrmth{#1}{Sym}{parsym}[#2]}
```

```
\cmdmthoparsym ... to do!
                                                                                  \cmdmthoparsym{cmdName};
                                                                                          \verb|\cmdNameSym[sub][sub][par]| = \verb|\cmdNames|^{sub}_{sub}[par]|
                                                                                  • \cmdmthoparsym{cmdSym}[NewName];
                                                                                          731 \DeclareRobustCommandx{\cmdmthoparsym}[2][2=]
                                                                       732 {\usrmth{#1}{Sym}{oparsym}[#2]}
                                \mthelm ... to do!
                  \mthargelm
                                                                                  \bullet \ \  \  \, \texttt{\bar{Name}[sub][sup][Ext]} = Name^{sup}_{sub}Ext
                  \mthparelm
                                                                                  • \mthargelm{Name} [sub] [sup] [Ext1] {Arg^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1 (Arg^{Ex^{Ex}}) Ext2
                                                                                  \bullet \  \, \texttt{\colored} \ 
                                                                                  \bullet \  \, \texttt{Name}[\texttt{Sub}][\texttt{Sup}][\texttt{Ext1}] \\ \{\texttt{Par}^{\{\texttt{Ex}^{}\}}\}[\texttt{Ext2}] \\ = Name_{sub}^{sup}Ext1 \\ \left\lceil Par^{Ex^{Ex}} \right\rceil Ext2 \\ = Name_{sub}^{sup}Ext2 \\ = Name_{sub}^{sub}Ext2 \\ = Name_{sub}^{sup}Ext2 \\ = Name_{sub}^{sup}Ext2 \\ = Name_{sub}^{sup}Ext2 \\ = Name_{sub}^{sup}Ext2 \\ = Name_{sub}^{sub}Ext2 \\ = Name_{sub}^{sub}Ext2
                                                                                  \bullet \verb| \t Par^{Ex^{2}}| [Ext1] = Name_{sub}^{sup} Ext1[Par^{Ex^{Ex}}] Ext2] = Name_{sub}^{sup} Ext1[Par^{Ex^{Ex}}] Ext2[Par^{Ex^{Ex}}] Ext2[Par^{
                                                                        733 %% Style for Elements
                                                                        734 \cmdmthall{elm}
                                                                        735 \DeclareRobustCommand{\mthstyelm}{\mathnormal}
                                        \aElm ... to do!
                                                  \dots \ a,\, b,\, c,\, d,\, e,\, f,\, g,\, h,\, i,\, j,\, k,\, l,\, m,\, n,\, o,\, p,\, q,\, r,\, s,\, t,\, u,\, v,\, w,\, x,\, y,\, z
                                                                    A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                                                                   \alpha,\,\beta,\,\gamma,\,\delta,\,\epsilon,\,\varepsilon,\,\zeta,\,\eta,\,\theta,\,\vartheta,\,\iota,\,\kappa,\,\varkappa,\,\lambda,\,\mu,\,\nu,\,\xi,\,o,\,\pi,\,\varpi,\,\rho,\,\varrho,\,\sigma,\,\varsigma,\,\tau,\,\upsilon,\,\phi,\,\varphi,\,\chi,\,\psi,\,\omega
                                                                   A,\,B,\,\Gamma,\,\Delta,\,E,\,E,\,Z,\,H,\,\Theta,\,\Theta,\,I,\,K,\,K,\,\Lambda,\,M,\,N,\,\Xi,\,O,\,\Pi,\,\Pi,\,P,\,P,\,\Sigma,\,\Sigma,\,T,\,\Upsilon,\,\Phi,\,\Phi,\,X,\,\Psi,\,\Omega
                                                                      736 \seqoflet{Elm}{mthelm}
                  \cmdmthelm ... to do!
                                                                                  • \cmdmthelm{cmdName};
                                                                                          \colon dNameElm[sub][sub][ext] = cmdName_{sub}^{sub}ext
                                                                                  • \cmdmthelm{cmdName}[NewName];
                                                                                          \colon = NewName_{sub}^{sub}[sub][ext] = NewName_{sub}^{sub}ext
                                                                        737 \DeclareRobustCommandx{\cmdmthelm}[2][2=]
                                                                        738 {\usrmth{#1}{Elm}{elm}[#2]}
    \cmdmthargelm ... to do!
                                                                                  • \cmdmthargelm{cmdName};
                                                                                          \verb|\cmdNameElm[sub][sub][ext1]{arg}[ext2] = cmdName_{sub}^{sub}ext1(arg)ext2
                                                                                  • \cmdmthargelm{cmdName}[NewName];
                                                                                          \verb|\cmdNameElm[sub][sub][ext1]{arg}[ext2] = NewName_{sub}^{sub}ext1(arg)ext2
                                                                        739 \DeclareRobustCommandx{\cmdmthargelm}[2][2=]
                                                                                         {\usrmth{#1}{Elm}{argelm}[#2]}
\cmdmthoargelm ... to do!
                                                                                  • \cmdmthoargelm{cmdName};
                                                                                          \colon = cmdNameElm[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                                                                                  • \cmdmthoargelm{cmdElm}[NewName];
                                                                                          \verb|\cmdElmElm[sub][sub][arg]| = NewName_{sub}^{sub}(arg)
                                                                       741 \DeclareRobustCommandx{\cmdmthoargelm}[2][2=]
                                                                       742 {\usrmth{#1}{Elm}{oargelm}[#2]}
    \cmdmthparelm ... to do!
                                                                                  • \cmdmthparelm{cmdName};
                                                                                          \verb|\cmdNameElm[sub][sub][ext1]{par}[ext2] = cmdName^{sub}_{sub}ext1[par]ext2
                                                                                  • \cmdmthparelm{cmdName}[NewName];
                                                                                          \verb|\cmdNameElm[sub][sub][ext1]{par}[ext2] = NewName_{sub}^{sub}ext1[par]ext2
                                                                        743 \DeclareRobustCommandx{\cmdmthparelm}[2][2=]
                                                                        744 {\usrmth{#1}{Elm}{parelm}[#2]}
```

```
\cmdmthoparelm ... to do!
                                                                                                                                   • \cmdmthoparelm{cmdName};
                                                                                                                                              \colonerge{cmdNameElm[sub][sub][par]} = cmdName^{sub}_{sub}[par]
                                                                                                                                   • \cmdmthoparelm{cmdElm}[NewName];
                                                                                                                                              \verb|\cmdElmElm[sub][sub][par]| = NewName_{sub}^{sub}[par]|
                                                                                                                    745 \DeclareRobustCommandx{\cmdmthoparelm}[2][2=]
                                                                                                                                               {\usrmth{#1}{Elm}{oparelm}[#2]}
                       \cmdmthsymelm ... to do!
                                                                                                                                   • \cmdmthsymelm{cmdName};
                                                                                                                                             \colon colon col
                                                                                                                                              \colonerge{cmdNameElm[sub][sub][ext]} = cmdName^{sub}_{sub}ext
                                                                                                                                   • \cmdmthsymelm{cmdName}[NewName];
                                                                                                                                             \colon colon col
                                                                                                                                             \cmdNameElm[sub][sub][ext] = NewName_{sub}^{sub}ext
                                                                                                                    748 \DeclareRobustCommandx{\cmdmthsymelm}[2][2=]
                                                                                                                                                  {\cmdmthsym{#1}[#2]%
                                                                                                                                                  \cmdmthelm{#1}[#2]}
     \cmdmthargsymelm ... to do!
                                                                                                                                   \cmdmthargsymelm{cmdName};
                                                                                                                                             \verb|\cmdNameSym[sub][sub][ext1]{arg}[ext2] = \verb|\cmdName|| sub|| ext1|| (arg)ext2||
                                                                                                                                              \colonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcolonermalcol
                                                                                                                                   • \cmdmthargsymelm{cmdName}[NewName];
                                                                                                                                              \verb|\cmdNameSym[sub][sub][ext1]{arg}[ext2] = \verb|\cmdName|^{sub}_{sub}ext1(arg)ext2
                                                                                                                                              \cmdNameElm[sub][sub][ext1]{arg}[ext2] = NewName_{sub}^{sub}ext1(arg)ext2
                                                                                                                    751 \DeclareRobustCommandx{\cmdmthargsymelm}[2][2=]
                                                                                                                                                   {\cmdmthargsym{#1}[#2]%
                                                                                                                                                  \cmdmthargelm{#1}[#2]}
\cmdmthoargsymelm ... to do!
                                                                                                                                   • \cmdmthoargsymelm{cmdName};
                                                                                                                                             \colon 
                                                                                                                                             \colon dNameElm[sub][sub][arg] = cmdName^{sub}_{sub}(arg)
                                                                                                                                   • \cmdmthoargsymelm{cmdName}[NewName];
                                                                                                                                              \colon 
                                                                                                                                              \cmdNameElm[sub][sub][arg] = NewName_{sub}^{sub}(arg)
                                                                                                                    754 \DeclareRobustCommandx{\cmdmthoargsymelm}[2][2=]
                                                                                                                                                   {\cmdmthoargsym{#1}[#2]%
                                                                                                                                                  \cmdmthoargelm{#1}[#2]}
                                                                                                                   756
     \cmdmthparsymelm ... to do!
                                                                                                                                   \cmdmthparsymelm{cmdName};
                                                                                                                                              \verb|\cmdNameSym[sub][sub][ext1]{par}[ext2] = \verb|\cmdName|^{sub}_{sub}ext1[par]ext2|
                                                                                                                                              \verb|\cmdNameElm[sub][sub][ext1]{par}[ext2] = cmdName_{sub}^{sub}ext1[par]ext2
                                                                                                                                   • \cmdmthparsymelm{cmdName}[NewName];
                                                                                                                                              \verb|\cmdNameSym[sub][sub][ext1]{par}[ext2] = \verb|\cmdNameSym[sub][ext1][par]ext2|
                                                                                                                                             \cmdNameElm[sub] [sub] [ext1] {par} [ext2] = NewName_{sub}^{sub}ext1[par]ext2
                                                                                                                    757 \DeclareRobustCommandx{\cmdmthparsymelm}[2][2=]
                                                                                                                                                  {\cmdmthparsym{#1}[#2]%
                                                                                                                   759
                                                                                                                                                  \cmdmthparelm{#1}[#2]}
\cmdmthoparsymelm ... to do!
                                                                                                                                   \cmdmthoparsymelm{cmdName};
                                                                                                                                             \verb|\cmdNameSym[sub][sub][par]| = \verb|\cmdNames|^{sub}_{sub}[par]|
                                                                                                                                              {\tt \cmdNameElm[sub][sub][par]} = cmdName^{sub}_{sub}[par]
```

```
• \cmdmthoparsymelm{cmdName}[NewName];
                                                                             \verb|\cmdNameSym[sub][sub][par]| = \verb|\NewNamesub| | par||
                                                                              \verb|\cmdNameElm[sub][sub][par]| = NewName_{sub}^{sub}[par]|
                                                         760 \DeclareRobustCommandx{\cmdmthoparsymelm}[2][2=]
                                                                            {\cmdmthoparsym{#1}[#2]%
                                                                            \cmdmthoparelm{#1}[#2]}
                                                          \mthluop ... to do!
             \mthlbop
                                                                    ullet \mthluop{\oplus}[sub][sup][Ext] = \oplus_{sub}^{sup} Ext
                                                                    • \mthlbop{\oplus}[sub][sup][Ext] = \bigoplus_{sub}^{sup} Ext
                                                         764 %% Style for \LaTex Operators
                                                         765 \cmdmth{luop}
                                                          766 \DeclareRobustCommand{\mthstyluop}[1]{\textstyle\mathop{\#1}}
                                                          767 \cmdmth{lbop}
                                                         768 \DeclareRobustCommand{\mthstylbop}[1]{\textstyle\mathbin{#1}}
\cmdmthluop ... to do!
\cmdmthlbop
                                                                    • \cmdmthluop{cmdName};
                                                                            \colon dNameUOp[sub][sub][ext] = cmdName_{sub}^{sub} ext
                                                                     • \cmdmthluop{cmdName}[\oplus];
                                                                            \verb|\cmdNameUOp[sub][sub][ext]| = \oplus_{sub}^{sub} ext
                                                                     • \cmdmthlbop{cmdName};
                                                                            \colon dNameBOp[sub][sub][ext] = cmdName_{sub}^{sub}ext
                                                                     • \cmdmthlbop{cmdName}[\oplus];
                                                                            \colon = \oplus_{sub}  [sub] [ext] = \oplus_{sub}  ext
                                                         769 \DeclareRobustCommandx{\cmdmthluop}[2][2=]
                                                          770 {\usrmth{#1}{UOp}{luop}[#2]}
                                                         771 \DeclareRobustCommandx{\cmdmthlbop}[2][2=]
                                                         772 {\usrmth{#1}{BOp}{1bop}[#2]}
             \mthlrel ... to do!
                                                                    • \mthlrel{\preceq}[sub][sup][Ext] = \leq_{sub}^{sup} Ext
                                                         773 %% Style for \LaTex Relations
                                                          774 \cmdmth{lrel}
                                                         775 \DeclareRobustCommand{\mthstylrel}{\mathrel}
\cmdmthlrel ... to do!
                                                                    • \cmdmthlrel{cmdName};
                                                                            \cmdNameRel[sub][sub] [ext] = cmdName_{sub}^{sub} ext
                                                                     • \cmdmthlrel{cmdName}[\preceq];
                                                                            \verb|\cmdNameRel[sub][sub][ext]| = \preceq_{sub}^{sub} ext
                                                         776 \DeclareRobustCommandx{\cmdmthlrel}[2][2=]
                                                          777 {\usrmth{#1}{Rel}{lrel}[#2]}
                                                         \mthsnt ... to do!
     \mthargsnt
                                                                    • \mathbb{E}_{sub}[sub][sup][Ext] = \mathsf{Name}_{sub}^{sup}Ext
    \mthparsnt
                                                                    \bullet \  \  \, \texttt{\bar{Name}[sub][sup][Ext1]{Arg^{Ex^{2}}}} \  \, [\texttt{Ext2}] \  \, = \  \, \texttt{\bar{Name}} \  \, Ext1 \Big( Arg^{Ex^{Ex}} \Big) Ext2 \\ = \  \, \texttt{\bar{Name}} \  \, Ext1 \Big( Arg^{Ex^{Ex}} \Big) Ext2 \\ = \  \, \texttt{\bar{Name}} \  \, Ext1 \Big( Arg^{Ex^{Ex}} \Big) Ext2 \\ = \  \, \texttt{\bar{Name}} \  \, Ext2 \\ = \  \, \texttt{\bar{
                                                                    • \mthargsnt!{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
                                                                    \bullet \  \, \texttt{\bar{Name}[sub][sup][Ext1][Par^{Ex^{2}}]} \  \, [\texttt{Ext2}] \  \, = \  \, \texttt{\bar{Name}} \  \, \texttt{\bar{Ext1}[Par^{Ex^{Ex}}]} \  \, [\texttt{Ext2}] \  \, = \  \, \texttt{\bar{Name}} \  \, \texttt{\bar{Ext1}[Par^{Ex^{Ex}}]} \  \, \texttt{\bar{Ext2}} \  \, ] \  \, \texttt{\bar{Ext2}} \  \, = \  \, \texttt{\bar{Name}} \  \, \texttt{\bar{Name}} \  \, \texttt{\bar{Ext2}[Par^{Ex^{Ex}}]} \  \, \texttt{\bar{Ext2}[Par^{Ex^{Ex}}]}} \  \, \texttt{\bar{Ext2}[Par^{Ex^{Ex}}]}} \  \, \texttt{\bar{Ext2}[Par^{Ex^{Ex}}]}} \  \, \texttt{\bar{Ext2}[Par^{Ex^{Ex}}]}} \  \, \texttt{\bar{Ext2}[Par^{Ex^{Ex}}]} \  \, \texttt{\bar{Ext2}[Par^{Ex^{Ex}}]}} \  \, \texttt{\bar{Ext2}[Par^{
                                                                     \bullet \  \  \, \texttt{\bare}[Sub][Sub][Sub][Ext1] \\ \{Par^{Ex^{Ex}}\}\}[Ext2] \\ = \  \  \, \texttt{\bare}[Sub^{sup}Ext1[Par^{Ex^{Ex}}]Ext2] \\ = \  \, \texttt{\bare}[Sub^{sup}Ext1][Par^{Ex^{Ex}}]Ext2 \\ = \  \, \texttt{\bare}[Sub^{sup}Ext2][Par^{Ex^{Ex}}]Ext2 
                                                          779 %% Style for Sentences
                                                          780 \cmdmthall{snt}
                                                          781 \DeclareRobustCommand{\mthstysnt}{\mathsf}
```

```
\aSnt ... to do!
                         \dots \ a, \, b, \, c, \, d, \, e, \, f, \, g, \, h, \, i, \, j, \, k, \, l, \, m, \, n, \, o, \, p, \, q, \, r, \, s, \, t, \, u, \, v, \, w, \, x, \, y, \, z
                                  A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                                  \alpha, \beta, \gamma, \delta, \epsilon, \varepsilon, \zeta, \eta, \theta, \vartheta, \iota, \kappa, \varkappa, \lambda, \mu, \nu, \xi, o, \pi, \varpi, \rho, \varrho, \sigma, \varsigma, \tau, \upsilon, \phi, \varphi, \chi, \psi, \omega
                                  A, B, \Gamma, \Delta, E, E, Z, H, \Theta, \Theta, I, K, K, \Lambda, M, N, \Xi, O, \Pi, P, P, \Sigma, \Sigma, T, \Upsilon, \Phi, \Phi, X, \Psi, \Omega
                                    782 \seqoflet{Snt}{mthsnt}
         \cmdmthsnt ... to do!
                                         • \cmdmthsnt{cmdName};
                                             \colon dNameSnt[sub][sub][ext] = cmdName_{sub}^{sub}ext
                                          • \cmdmthsnt{cmdName} [NewName];
                                             \verb|\cmdNameSnt[sub][sub][ext]| = \verb|\NewName|_{sub}^{sub} ext|
                                    783 \DeclareRobustCommandx{\cmdmthsnt}[2][2=]
                                    784 {\usrmth{#1}{Snt}{snt}[#2]}
  \cmdmthargsnt ... to do!
                                         • \cmdmthargsnt{cmdName};
                                             \cmdNameSnt[sub][sub][ext1]{arg}[ext2] = cmdName_{sub}^{sub}ext1(arg)ext2
                                         • \cmdmthargsnt{cmdName}[NewName];
                                              \verb|\cmdNameSnt[sub][sub][ext1]{arg}[ext2] = \verb|\cmdNameSnt[sub][sub][ext1]{arg}[ext2] = \verb|\cmdNameSnt[sub][sub][ext1]{arg}[ext2] = \verb|\cmdNameSnt[sub][sub][ext1][ext2] = \verb|\cmdNameSnt[sub][sub][ext1][ext2] = \verb|\cmdNameSnt[sub][sub][ext1][ext2][ext2] = \verb|\cmdNameSnt[sub][sub][ext1][ext2][ext2] = \verb|\cmdNameSnt[sub][sub][ext1][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2][ext2]
                                    785 \DeclareRobustCommandx{\cmdmthargsnt}[2][2=]
                                    786 {\usrmth{#1}{Snt}{argsnt}[#2]}
\cmdmthoargsnt ... to do!
                                          \cmdmthoargsnt{cmdName};
                                             \colon = cmdNameSnt[sub][sub][arg] = cmdName<math>_{sub}^{sub}(arg)
                                          • \cmdmthoargsnt{cmdName}[NewName];
                                             \verb|\cmdNameSnt[sub][sub][arg]| = \verb|\NewName|_{sub}^{sub}(arg)
                                    787 \DeclareRobustCommandx{\cmdmthoargsnt}[2][2=]
                                             {\usrmth{#1}{Snt}{oargsnt}[#2]}
  \cmdmthparsnt ... to do!
                                         • \cmdmthparsnt{cmdName};
                                             \label{lem:lemma:sub} $$ \operatorname{Snt}[\operatorname{sub}][\operatorname{sub}][\operatorname{ext1}] = \operatorname{cmdName}_{\operatorname{sub}}^{\operatorname{sub}} ext1[\operatorname{par}] ext2 $$
                                          • \cmdmthparsnt{cmdName}[NewName];
                                             \verb|\cmdNameSnt[sub][sub][ext1]{par}[ext2] = \verb|\NewName]^{sub}_{sub}ext1[par]ext2
                                    789 \DeclareRobustCommandx{\cmdmthparsnt}[2][2=]
                                    790 {\usrmth{#1}{Snt}{parsnt}[#2]}
\cmdmthoparsnt ... to do!
                                         \cmdmthoparsnt{cmdName};
                                             \verb|\cmdNameSnt[sub][par]| = \verb|\cmdNameSnt[sub][par]|
                                         • \cmdmthoparsnt{cmdName}[NewName];
                                             \colon = NewName_{sub}^{sub}[par] = NewName_{sub}^{sub}[par]
                                    791 \DeclareRobustCommandx{\cmdmthoparsnt}[2][2=]
                                    792 {\usrmth{#1}{Snt}{oparsnt}[#2]}
                \mthfrm ... to do!
         \mthargfrm
                                         \bullet \ \texttt{\ \ } [\mathtt{Sub}] \ [\mathtt{Ext}] = Name_{sub}^{sup} Ext
         \mthparfrm
                                         • \mthargfrm{Name} [sub] [sup] [Ext1] {Arg^{Ex^{}}} [Ext2] = Name_{sub}^{sup} Ext1 (Arg^{Ex^{Ex}}) Ext2
                                         • \mthargfrm!{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}}[Ext2] = Name_{sub}^{sup}Ext1(Arg^{Ex^{Ex}})Ext2
                                         • \mthparfrm{Name}[sub][sup][Ext1]{Par^{Ex^{Ex}}}[Ext2] = Name^{sup}_{sub}Ext1[Par^{Ex^{Ex}}]Ext2
                                          • \mthparfrm! {Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1[Par^{Ex^{Ex}}] Ext2
                                    793 %% Style for Formulae
                                    794 \cmdmthall{frm}
                                    795 \DeclareRobustCommand{\mthstyfrm}{\mathit}
```

```
\arrange ... to do!
                        \dots a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
                                 A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                                 \alpha,\,\beta,\,\gamma,\,\delta,\,\epsilon,\,\varepsilon,\,\zeta,\,\eta,\,\theta,\,\vartheta,\,\iota,\,\kappa,\,\varkappa,\,\lambda,\,\mu,\,\nu,\,\xi,\,\,o,\,\pi,\,\varpi,\,\rho,\,\varrho,\,\sigma,\,\varsigma,\,\tau,\,\upsilon,\,\phi,\,\varphi,\,\chi,\,\psi,\,\omega
                                 A,\,B,\,\Gamma,\,\Delta,\,E,\,E,\,Z,\,H,\,\Theta,\,\Theta,\,I,\,K,\,K,\,\Lambda,\,M,\,N,\,\Xi,\,O,\,\Pi,\,\Pi,\,P,\,P,\,\varSigma,\,\Sigma,\,T,\,\Upsilon,\,\varPhi,\,\varPhi,\,X,\,\Psi,\,\Omega
                                  796 \seqoflet{Frm}{mthfrm}
        \cmdmthfrm ... to do!
                                        • \cmdmthfrm{cmdName};
                                            \verb|\cmdNameFrm[sub][sub][ext]| = cmdName_{sub}^{sub}ext
                                        • \cmdmthfrm{cmdName}[NewName];
                                            \verb|\cmdNameFrm[sub][sub][ext]| = NewName_{sub}^{sub}ext
                                   797 \DeclareRobustCommandx{\cmdmthfrm}[2][2=]
                                  798 {\usrmth{#1}{Frm}{frm}[#2]}
  \cmdmthargfrm ... to do!
                                        \cmdmthargfrm{cmdName};
                                            \cmdNameFrm[sub] [sub] [ext1] {arg} [ext2] = cmdName_{sub}^{sub}ext1(arg)ext2
                                        • \cmdmthargfrm{cmdName}[NewName];
                                            \cmdNameFrm[sub][sub][ext1]{arg}[ext2] = NewName_{sub}^{sub}ext1(arg)ext2
                                   799 \DeclareRobustCommandx{\cmdmthargfrm}[2][2=]
                                  800 {\operatorname{wsrmth}\{\#1\}\{Frm\}\{argfrm\}[\#2]\}}
\cmdmthoargfrm ... to do!
                                        • \cmdmthoargfrm{cmdName};
                                            \colon dNameFrm[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                                        • \cmdmthoargfrm{cmdName}[NewName];
                                            \colon = NewName_{sub}^{sub}(arg) = NewName_{sub}^{sub}(arg)
                                   801 \DeclareRobustCommandx{\cmdmthoargfrm}[2][2=]
                                  802 {\usrmth{#1}{Frm}{oargfrm}[#2]}
  \cmdmthparfrm ... to do!
                                        • \cmdmthparfrm{cmdName};
                                            \cmdNameFrm[sub][sub][ext1]{par}[ext2] = cmdName_{sub}^{sub}ext1[par]ext2
                                        • \cmdmthparfrm{cmdName}[NewName];
                                            \verb|\cmdNameFrm[sub][sub][ext1]{par}[ext2] = NewName_{sub}^{sub}ext1[par]ext2
                                   803 \DeclareRobustCommandx{\cmdmthparfrm}[2][2=]
                                           {\usrmth{#1}{Frm}{parfrm}[#2]}
\cmdmthoparfrm ... to do!
                                        • \cmdmthoparfrm{cmdName};
                                            \cmdNameFrm[sub][sub][par] = cmdName_{sub}^{sub}[par]
                                        • \cmdmthoparfrm{cmdName}[NewName];
                                            \verb|\cmdNameFrm[sub][sub][par]| = NewName_{sub}^{sub}[par]|
                                   805 \DeclareRobustCommandx{\cmdmthoparfrm}[2][2=]
                                   806 {\usrmth{#1}{Frm}{oparfrm}[#2]}
                                  \mthmat ... to do!
         \mthargmat
                                        • \mthmat{Name}[sub][sup][Ext] = \mathbf{Name}_{sub}^{sup}Ext
         \mthparmat
                                        • \mthargmat{Name}[sub][sup][Ext1]{Arg^{Ex^{Ex}}}[Ext2] = \mathbf{Name}_{sub}^{sup}Ext1\left(Arg^{Ex^{Ex}}\right)Ext2
                                        \bullet \  \  \, \texttt{Name} \texttt{[sub][sub][Ext1]} \texttt{[Ext2]} = \mathbf{Name}^{sup}_{sub} Ext1(Arg^{Ex^{Ex}}) Ext2
                                        \bullet \  \  \, \texttt{Name}[sub][sup][Ext1][Par^{Ex^{Ex}}][Ext2] = \mathbf{Name}^{sup}_{sub}Ext1\Big[Par^{Ex^{Ex}}\Big]Ext2
                                        \bullet \  \  \, \texttt{\bare}[Sub][Sub][Sub][Ext1] \\ \{Par^{Ex^{-}}[Ext2] = \mathbf{Name}^{sup}_{sub}Ext1[Par^{Ex^{Ex}}]Ext2] \\ = \mathbf{Name}^{sup}_{sub}Ext1[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}}]Ext2[Par^{Ex^{Ex}
```

```
808 %% Style for Matrices
                                             809 \cmdmthall{mat}
                                             810 \DeclareRobustCommand{\mthstymat}[1]{\boldsymbol{\mathsf{#1}}}
                         \aMat ... to do!
                                ... a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
                                           A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                                           \alpha,\,\beta,\,\gamma,\,\delta,\,\epsilon,\,\varepsilon,\,\zeta,\,\eta,\,\theta,\,\vartheta,\,\iota,\,\kappa,\,\varkappa,\,\lambda,\,\mu,\,\nu,\,\xi,\,\mathbf{o},\,\pi,\,\varpi,\,\rho,\,\varrho,\,\sigma,\,\varsigma,\,\tau,\,\upsilon,\,\phi,\,\varphi,\,\chi,\,\psi,\,\omega
                                           A, B, \Gamma, \Delta, E, E, Z, H, \Theta, \Theta, I, K, K, \Lambda, M, N, \Xi, O, \Pi, \Pi, P, P, \Sigma, \Sigma, T, \Upsilon, \Phi, \Phi, X, \Psi, \Omega
                                            811 \seqoflet{Mat}{mthmat}
           \verb|\cmdmthmat| \dots to do!
                                                    • \cmdmthmat{cmdName};
                                                         \colon dNameMat[sub][sub][ext] = cmdName_{sub}^{sub}ext
                                                    • \cmdmthmat{cmdName}[NewName];
                                                         \verb|\cmdNameMat[sub][sub][ext]| = \verb|NewName|^{sub}_{sub} ext|
                                             812 \DeclareRobustCommandx{\cmdmthmat}[2][2=]
                                             813 {\usrmth{#1}{Mat}{mat}[#2]}
  \cmdmthargmat ... to do!
                                                    \cmdmthargmat{cmdName};
                                                         \verb|\cmdNameMat[sub][sub][ext1]{arg}[ext2] = \mathbf{cmdName}_{sub}^{sub}ext1(arg)ext2
                                                    • \cmdmthargmat{cmdName}[NewName];
                                                         \cmdNameMat[sub][sub][ext1]{arg}[ext2] = NewName_{sub}^{sub}ext1(arq)ext2
                                             814 \DeclareRobustCommandx{\cmdmthargmat}[2][2=]
                                            815 {\usrmth{#1}{Mat}{argmat}[#2]}
\cmdmthoargmat ... to do!
                                                    • \cmdmthoargmat{cmdName};
                                                         \cmdNameMat[sub][sub][arg] = cmdName_{sub}^{sub}(arg)
                                                    • \cmdmthoargmat{cmdName}[NewName];
                                                         \c Mame Mat[sub][sub][arg] = New Name _{sub}^{sub}(arg)
                                             816 \DeclareRobustCommandx{\cmdmthoargmat}[2][2=]
                                                          {\usrmth{#1}{Mat}{oargmat}[#2]}
  \cmdmthparmat ... to do!
                                                    • \cmdmthparmat{cmdName};
                                                         \verb|\cmdNameMat[sub][sub][ext1]{par}[ext2] = \mathbf{cmdName}_{sub}^{sub}ext1[par]ext2|
                                                    • \cmdmthparmat{cmdName}[NewName];
                                                         \cmdNameMat[sub][sub][ext1]{par}[ext2] = NewName_{sub}^{sub}ext1[par]ext2
                                             818 \DeclareRobustCommandx{\cmdmthparmat}[2][2=]
                                                          {\usrmth{#1}{Mat}{parmat}[#2]}
\cmdmthoparmat ... to do!
                                                    • \cmdmthoparmat{cmdName};
                                                         \cmdNameMat[sub][sub][par] = cmdName_{sub}^{sub}[par]
                                                    • \cmdmthoparmat{cmdName}[NewName];
                                                         \verb|\cmdNameMat[sub][sub][par]| = \verb|NewName|^{sub}_{sub}[par]|
                                             820 \DeclareRobustCommandx{\cmdmthoparmat}[2][2=]
                                             821 {\usrmth{#1}{Mat}{oparmat}[#2]}
                    \mthvec ... to do!
           \mthargvec
                                                   ullet \mthvec{Name} [sub] [sup] [Ext] = {\it Name}^{sup}_{sub} Ext
           \mthparvec
                                                    • \mthargvec{Name} [sub] [sup] [Ext1] {Arg^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1 (Arg^{Ex^{Ex}}) Ext2
                                                    \bullet \ \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \  } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\  } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{\ \ } \texttt{\ \ } \texttt{\ \ } \texttt{\ \ }} \texttt{
                                                    • \mthparvec{Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1 \left| Par^{Ex^{Ex}} \right| Ext2
```

```
• \mthparvec! {Name} [sub] [sup] [Ext1] {Par^{Ex^{Ex}}} [Ext2] = Name_{sub}^{sup} Ext1[Par^{Ex^{Ex}}] Ext2
                               822 %% Style for Vectors
                               823 \cmdmthall{vec}
                               824 \DeclareRobustCommand{\mthstyvec}[1]{\boldsymbol{\mathit{#1}}}
                 \aVec ... to do!
                     \dots \ a, \ b, \ c, \ d, \ e, f, \ g, \ h, \ i, \ j, \ k, \ l, \ m, \ n, \ o, \ p, \ q, \ r, \ s, \ t, \ u, \ v, \ w, \ x, \ y, \ z
                             A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
                             \alpha,\,\beta,\,\gamma,\,\delta,\,\epsilon,\,\varepsilon,\,\zeta,\,\eta,\,\theta,\,\vartheta,\,\iota,\,\kappa,\,\varkappa,\,\lambda,\,\mu,\,\nu,\,\xi,\,o,\,\pi,\,\varpi,\,\rho,\,\varrho,\,\sigma,\,\varsigma,\,\tau,\,\upsilon,\,\phi,\,\varphi,\,\chi,\,\psi,\,\omega
                             A,\,B,\,\Gamma,\,\Delta,\,E,\,E,\,Z,\,H,\,\Theta,\,\Theta,\,I,\,K,\,K,\,A,\,M,\,N,\,\Xi,\,O,\,\Pi,\,\Pi,\,P,\,P,\,\Sigma,\,\Sigma,\,T,\,\Upsilon,\,\varPhi,\,\varPhi,\,X,\,\Psi,\,\Omega
                               825 \seqoflet{Vec}{mthvec}
        \cmdmthvec ... to do!
                                   • \cmdmthvec{cmdName};
                                       \verb|\cmdNameVec[sub][sub][ext]| = cmdName_{sub}^{sub}ext|
                                    • \cmdmthvec{cmdName} [NewName];
                                       \cmdNameVec[sub][sub][ext] = NewName_{sub}^{sub}ext
                               826 \DeclareRobustCommandx{\cmdmthvec}[2][2=]
                               827 {\usrmth{#1}{Vec}{vec}[#2]}
 \cmdmthargvec ... to do!
                                   \cmdmthargvec{cmdName};
                                       \verb|\cmdNameVec[sub][sub][ext1]{arg}[ext2] = cmdName_{sub}^{sub}ext1(arg)ext2|
                                    • \cmdmthargvec{cmdName} [NewName];
                                       \cmdNameVec[sub][sub][ext1]{arg}[ext2] = NewName_{sub}^{sub}ext1(arg)ext2
                               828 \DeclareRobustCommandx{\cmdmthargvec}[2][2=]
                               829 {\usrmth{#1}{Vec}{argvec}[#2]}
\cmdmthoargvec ... to do!
                                    \cmdmthoargvec{cmdName};
                                       \colon = cmdName \col
                                    • \cmdmthoargvec{cmdName}[NewName];
                                       \colon = NewName^{sub}(arg) = NewName^{sub}(arg)
                               830 \DeclareRobustCommandx{\cmdmthoargvec}[2][2=]
                              831 {\usrmth{#1}{Vec}{oargvec}[#2]}
 \cmdmthparvec ... to do!
                                   • \cmdmthparvec{cmdName};
                                       \verb|\cmdNameVec[sub][sub][ext1]{par}[ext2] = cmdName^{sub}_{sub}ext1[par]ext2|
                                    • \cmdmthparvec{cmdName} [NewName];
                                       \cmdNameVec[sub][sub][ext1]{par}[ext2] = NewName^{sub}_{sub}ext1[par]ext2
                               832 \DeclareRobustCommandx{\cmdmthparvec}[2][2=]
                               833 {\usrmth{#1}{Vec}{parvec}[#2]}
\cmdmthoparvec ... to do!
                                    \cmdmthoparvec{cmdName};
                                       \cmdNameVec[sub][sub][par] = cmdName_{sub}^{sub}[par]
                                   • \cmdmthoparvec{cmdName}[NewName];
                                       \colon = NewName_{sub}^{sub}[par] = NewName_{sub}^{sub}[par]
                               834 \DeclareRobustCommandx{\cmdmthoparvec}[2][2=]
                               835 {\usrmth{#1}{Vec}{oparvec}[#2]}
                               836 \fi
```

841 \iftxt@

```
\dotcheck
                       • A\dotcheck A\dotcheck.A = A.A. A
                    842 \newrobustcmd{\dotcheck}
                    843 {\@ifnextchar.{}{.\@}}
                    \bullet \ \ \texttt{\ } \  \  \, \texttt{\ } \  \, adhoc = \mathit{ad} \ \mathit{hoc}
           \adhoc
                    845 \cmdtxtabr{adhoc} [ad hoc]
       \afortiori
                       • \arrange a fortiori
                    846 \cmdtxtabr{afortiori}[a fortiori]
         \apriori
                       • \apriori = a priori
                    847 \cmdtxtabr{apriori}[a priori]
    \aposteriori
                       • \arrowvertaposteriori = a\ posteriori
                    848 \cmdtxtabr{aposteriori}[a posteriori]
              \cf
                       • \backslash cf = cf.
                    849 \cmdtxtabr{cf}[cf.\@]
         \dedicto
                       • \dedicto = de \ dicto
                    850 \cmdtxtabr{dedicto}[de dicto]
                       • \defacto = de\ facto
         \defacto
                    851 \cmdtxtabr{defacto}[de facto]
            \dere
                       • \forall ere = de re
                    852 \cmdtxtabr{dere}[de re]
 \divideetimpera
                        \bullet \ \verb+\divideetimpera = \mathit{divide et impera} \\
                    853 \cmdtxtabr{divideetimpera}[divide et impera]
              \eg
                       • \backslash eg = e.g.
                    854 \cmdtxtabr{eg}[e.g.\@]
            \ergo
                       • \ergo = ergo
                    855 \cmdtxtabr{ergo}
                       • \ensuremath{\backslash} errata = errata
          \errata
                    856 \cmdtxtabr{errata}
         \erratum
                       • \erratum = erratum
                    857 \cmdtxtabr{erratum}
            \etal
                       • \ensuremath{\backslash} \mathtt{etal} = et \ al.
                    858 \cmdtxtabr{etal}[et al.\@]
                       • \ensuremath{\backslash} \mathsf{etc} = etc.
              \etc
                    859 \cmdtxtabr{etc}[etc.\@]
              \ie
                       860 \cmdtxtabr{ie}[i.e.\@]
\mutatismutandis
                       • \mutatismutandis = mutatis mutandis
                    861 \cmdtxtabr{mutatismutandis} [mutatis mutandis]
                       • \percontra = per contra
       \percontra
```

862 \cmdtxtabr{percontra}[per contra]

```
\primafacie
                 • \primafacie = prima facie
               863 \cmdtxtabr{primafacie}[prima facie]
     \viceversa
                  • \viceversa = vice versa
               864 \cmdtxtabr{viceversa}[vice versa]
                 • \vert vs = vs.
               865 \cmdtxtabr{vs}[vs.\@]
                 • \forall viz = viz.
          \viz
               866 \cmdtxtabr{viz}[viz.\@]
               \Afortiori
                 • \Afortiori = A fortiori
               868 \cmdtxtabr{Afortiori}[A fortiori]
      \Apriori
                 • \Apriori = A priori
               869 \cmdtxtabr{Apriori}[A priori]
   \Aposteriori
                  • \Aposteriori = A posteriori
               870 \cmdtxtabr{Aposteriori}[A posteriori]
                 • \Dedicto = De \ dicto
      \Dedicto
               871 \cmdtxtabr{Dedicto} [De dicto]
                  \Defacto
               872 \cmdtxtabr{Defacto} [De facto]
                 • \Dere = De re
         \Dere
               873 \cmdtxtabr{Dere}[De re]
\Divideetimpera
                 • \Divideetimpera = Divide \ et \ impera
               874 \cmdtxtabr{Divideetimpera}[Divide et impera]
                 • \backslash Eg = E.g.
           \Eg
               875 \cmdtxtabr{Eg}[E.g.\@]
       \Errata
                 • \Errata = Errata
               876 \cmdtxtabr{Errata}
      \Erratum
                  \bullet \Erratum = Erratum
               877 \cmdtxtabr{Erratum}
                 \bullet \Mutatismutandis = Mutatis\ mutandis
\Mutatismutandis
               878 \cmdtxtabr{Mutatismutandis} [Mutatis mutandis]
                  • \Percontra = Per contra
     \Percontra
               879 \cmdtxtabr{Percontra}[Per contra]
                  ullet \Primafacie = Prima\ facie
    \Primafacie
               880 \cmdtxtabr{Primafacie}[Prima facie]
     \Viceversa
                 • \forall viceversa = Vice versa
               881 \cmdtxtabr{Viceversa}[Vice versa]
```

```
\ala
     • \alphala = \grave{a} la
    885 \cmdtxtabr{ala}[\'a la]
     • \n naif = naif
\n
    886 \mbox{cmdtxtabr{naif}[na\"{i}f]}
\naive
     • \naive = na\"{i}ve
    887 \cmdtxtabr{naive}[na\"{i}ve]
\role
     • \role = r\hat{o}le
    888 \cmdtxtabr{role}[r\^{o}le]
    \Role
     • \Role = R\hat{o}le
    890 \cmdtxtabr{Role}[R\^{o}le]
    \aka
     • \again a.k.a.
    892 \cmdtxtabr{aka}[a.k.a.\@]
\contd
     • \contd = contd.
    893 \cmdtxtabr{contd}[contd.\@]
 \iff
     • \iff = iff
    894 \cmdtxtabr{iff}
 \iht
     • \ iht = i.h.t.
    895 \cmdtxtabr{iht}[i.h.t.\@]
 \stx
     • \ \ \ \ stx = s.t.
    896 \cmdtxtabr{stx}[s.t.\@]
\resp
     • \resp = resp.
    897 \cmdtxtabr{resp}[resp.\@]
     \wrt
    898 \cmdtxtabr{wrt}[w.r.t.\@]
     • \wdots w.l.o.g.
\wlogx
    899 \cmdtxtabr{wlogx}[w.l.o.g.\@]
    \Contd
     • \c Contd = Contd.
    901 \cmdtxtabr{Contd} [Contd.\@]
     • \Wlogx = W.l.o.g.
\Wlogx
    902 \cmdtxtabr{Wlogx}[W.l.o.g.\@]
    903 \fi
    908 \ifmth@
```

```
\defeq ...
                            \seteq 910 \DeclareRobustCommand{\defeq}
                                                                          {\ifstarvar%
                                                                                      {\mthlbop{\stackrel{\text{\textup{def}}}{=}}}%
                                                          913
                                                                                      {\mthlbop{\triangleq}}}
                                                          914 \DeclareRobustCommand{\seteq}
                                                                           {\ifstarvar{\mthlbop{\Coloneqq}}}{\mthlbop{\coloneqq}}}
                                                          \limp ...
                       \verb|\location| 917 \verb|\location| 917 \verb|\location| Strong the manned of the model of the manned of the
                                                          918 {\mthlbop{\rightarrow}}
                                                          919 \DeclareRobustCommand{\lcoimp}
                                                          920 {\mthlbop{\leftrightarrow}}
                                                          \implies ...
        \verb| notimplies | 922 \verb| DeclareRobustCommand{ | implies|}
                                                         923 {\mthlrel{\Rightarrow}}
                                                         924 \DeclareRobustCommand{\notimplies}
                                                         925 {\mthlrel{\not\Rightarrow}}
                   \implied ...
        \verb| notimplied 926 \end{plied} | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 10
                                                         927 {\mthlrel{\Leftarrow}}
                                                          928 \DeclareRobustCommand{\notimplied}
                                                         929 {\mthlrel{\not\Leftarrow}}
           \coimplies ...
\verb|\notcoimplies|| 930 \verb|\DeclareRobustCommand{$\setminus$ coimplies}||
                                                                          {\mthlrel{\Leftrightarrow}}
                                                          932 \DeclareRobustCommand{\notcoimplies}
                                                          933 {\mthlrel{\not\!\Leftrightarrow}}
                                                          \cmodels ...
        \verb|\notemodels| 935 \verb|\DeclareRobustCommand{\cmodels}|
                                                          936 {\mthlrel{\models}}
                                                          937 \DeclareRobustCommand{\notcmodels}
                                                         938 {\mthlrel{\not\models}}
                       \cequiv ...
           \verb|\notcequiv| 939 \verb|\DeclareRobustCommand{\cequiv}|
                                                          940 {\mthlrel{\equiv}}
                                                          941 \DeclareRobustCommand{\notcequiv}
                                                          942 {\mthlrel{\not\equiv}}
                                                          \denot ...
                                                          944 \DeclareRobustCommand{\denot}
                                                          945 {\left(\frac{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensure
                                                          946 \DeclareRobustCommand{\Qdenot}[1]
                                                         947 {\mth{\argmid{\left\llbracket}{#1}{\right\rrbracket}}}
                                                          948 \verb|\DeclareRobustCommand{\Qedenot}[1]
                                                                            {\mth!{\argmid{\llbracket}{#1}{\rrbracket}}}
```

```
\dual ...
              \adj 951 \DeclareRobustCommand{\dual}[1]
              \der 952 {\mth{\overline{#1}}}
              \trn 953 \DeclareRobustCommand{\adj}[1]
                         954 {\mth{\mathring{#1}}}
                         955 \DeclareRobustCommand{\der}[1]
                         956 {\mth{\widehat{#1}}}
                         957 \DeclareRobustCommand{\trn}[1]
                                {\mth{\widetilde{#1}}}
              \vec ...
                         959 \DeclareRobustCommand{\vec}
                                 {\ifstarvar{\@svec}{\@vec}}
                         961 \DeclareRobustCommand{\@vec}[1]
                         962 {\mth{\mathaccent"017E{#1}}}
                         963 \DeclareRobustCommand{\@svec}[1]
                                 {\mth{\overline{#1}}}
                         \enumeration ...
                         966 \DeclareRobustCommand{\enumeration}
                         967 {\ifstarvar{\@senumeration}{\@enumeration}}
                         968 \ \ \varcmd{@enumeration}{\mth!}{}{,}{}}
                         969 \varcmd{@senumeration}{\mth!}{}{;}{}}
     \sequence ...
   \sequencel
                        970 \DeclareRobustCommand{\sequence}
   \sequencer
                         971 {\ifstarvar{\@ssequence}{\@sequence}}
                         972 \DeclareRobustCommand{\@sequence}
                         973 {\ifexclavar{\@e@sequence}{\@@sequence}}
                         974 \DeclareRobustCommand{\@ssequence}
                         975 {\ifexclavar{\@e@ssequence}{\@@ssequence}}
                         976 \ \ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremat
                         977 \varcmd{@e@sequence}{\mth!}{[]{,}{]}{}
                         978 \varcmd{@@ssequence}{\mth}{\left[}{;}{\right]}{}
                         979 \varcmd{@e@ssequence}{\mth!}{[}{;}{]}{}
                         980 \DeclareRobustCommand{\sequencel}
                                  {\ifstarvar{\@ssequencel}{\@sequencel}}
                         982 \DeclareRobustCommand{\@sequencel}
                         983 {\ifexclavar{\@e@sequencel}{\@@sequencel}}
                         984 \DeclareRobustCommand{\@ssequencel}
                                  {\ifexclavar{\@e@ssequencel}{\@@ssequencel}}
                         986 \varcmd{@@sequencel}{\mth}{\left[}{,}{\right.}{}
                         987 \varcmd{@e@sequencel}{\mth!}{[}{,}{}}
                         988 \varcmd{@@ssequencel}{\mth}{\left[}{;}{\right.}{}
                         989 \varcmd{@e@ssequencel}{\mth!}{[}{;}{}}
                         990 \DeclareRobustCommand{\sequencer}
                                   {\ifstarvar{\@ssequencer}{\@sequencer}}
                         992 \DeclareRobustCommand{\@sequencer}
                         993 {\ifexclavar{\@e@sequencer}{\@@sequencer}}
                         994 \DeclareRobustCommand{\@ssequencer}
                                 {\ifexclavar{\@e@ssequencer}{\@@ssequencer}}
                         996 \varcmd{@@sequencer}{\mth}{\left.}{,}{\right]}{}
                         997 \varcmd{@e@sequencer}{\mth!}{}{,}{]}{}
                         998 \varcmd{@@ssequencer}{\mth}{\left.}{;}{\right]}{}
                         999 \varcmd{@e@ssequencer}{\mth!}{}{;}{]}{}
          \tuple ...
         \tuplel _{1000} \DeclareRobustCommand{\tuple}
         \tupler 1001 {\ifstarvar{\@stuple}{\@tuple}}
                       1002 \DeclareRobustCommand{\@tuple}
                       1003 {\ifexclavar{\@e@tuple}{\@@tuple}}
```

```
1004 \DeclareRobustCommand{\@stuple}
          {\ifexclavar{\@e@stuple}{\@@stuple}}
     1006 \varcmd{@@tuple}{\mth}{\left\langle}{,}{\right\rangle}{}
     1007 \varcmd{@e@tuple}{\mth!}{\langle}{,}{\rangle}{}
     1008 \varcmd{@@stuple}{\mth}{\leftleft\langle}{;}{\left\vert right\rangle}{}
     1009 \varcmd{@e@stuple}{\mth!}{\langle}{;}{\rangle}{}
     1010 \DeclareRobustCommand{\tuplel}
          {\ifstarvar{\@stuplel}{\@tuplel}}
     1012 \DeclareRobustCommand{\@tuplel}
     1013 {\ifexclavar{\@e@tuplel}{\@@tuplel}}
     1014 \DeclareRobustCommand{\@stuplel}
     1015 {\ifexclavar{\@e@stuplel}{\@@stuplel}}
     1016 \varcmd{@@tuplel}{\mth}{\left\langle}{,}{\right.}{}
     1017 \varcmd{@e@tuplel}{\mth!}{\langle}{,}{}}
     1018 \varcmd{@@stuplel}{\mth}{\left\lceil \frac{1}{2}\right\rceil}
     1019 \varcmd{@e@stuplel}{\mth!}{\langle}{;}{}{}
     1020 \DeclareRobustCommand{\tupler}
           {\ifstarvar{\Ostupler}{\Otupler}}
     1022 \DeclareRobustCommand{\@tupler}
           {\ifexclavar{\@e@tupler}{\@@tupler}}
     1024 \DeclareRobustCommand{\@stupler}
           {\ifexclavar{\@e@stupler}{\@@stupler}}
     1026 \varcmd{@@tupler}{\mth}{\left.\right.}{,}{\left.\right.}{}
     1027 \varcmd{@e@tupler}{\mth!}{}{,}{\rangle}{}
     1028 \varcmd{@@stupler}{\mth}{\left.}{;}{\right\rangle}{}
     1029 \varcmd{@e@stupler}{\mth!}{}{;}{\rangle}{}
     \set ...
\verb|\setl| 1031 \verb|\DeclareRobustCommand{\set}|
\setr 1032 {\ifstarvar{\@sset}{\@set}}
     1033 \DeclareRobustCommand{\@set}
     1034 {\ifexclavar{\@e@xset{\vert}}}{\@@xset{\vert}}}
     1035 \DeclareRobustCommand{\@sset}
     1036 {\ifexclavar{\@e@xset{:}}{\@@xset{.\!:}}}
     1037 \DeclareRobustCommand{\@@xset}[3]
          {\bf \{\hat \}\
     1039 \DeclareRobustCommand{\@e@xset}[3]
          {\mth!{\argmid{\lbrace}{\argsep{#2}{\,#1\,}{#3}}{\rbrace}}}
     1041 \DeclareRobustCommand{\set1}
          {\ifstarvar{\@ssetl}{\@setl}}
     1043 \DeclareRobustCommand{\@setl}
           {\ifexclavar{\@e@xsetl{\vert}}}{\@@xsetl{\vert}}}
     1045 \DeclareRobustCommand{\@sset1}
           {\ifexclavar{\@e@xsetl{:}}{\@@xsetl{.\!\!\!:}}}
     1047 \DeclareRobustCommand{\@@xset1}[2]
           1049 \DeclareRobustCommand{\@e@xset1}[2]
           1051 \DeclareRobustCommand{\setr}
          {\ifstarvar{\@setr}{\@setr}}
     1053 \DeclareRobustCommand{\@setr}
           {\ifexclavar{\@e@setr}{\@@setr}}
     1055 \DeclareRobustCommand{\@@setr}[1]
          {\mth{\argmid{\left.}{#1}{\right\rbrace}}}
     1057 \DeclareRobustCommand{\@e@setr}[1]
          {\mth!{\argmid{}{#1}{\rbrace}}}
\card
     1059 \DeclareRobustCommand{\card}
          {\ifexclavar{\@ecard}{\@card}}
     1061 \DeclareRobustCommand{\@card}[1]
          {\mth{\argmid{\left\lvert}{#1}{\right\rvert}}}
```

```
1063 \DeclareRobustCommand{\@ecard}[1]
       1064
          {\mth!{\argmid{\lvert}{#1}{\rvert}}}
   \pow ...
       1065 \DeclareRobustCommand{\pow}
          {\ifstarvar{\@spow}{\@pow}}
       1067 \DeclareRobustCommand{\@pow}[1]
          {\mth{2^{\defval{#1}{\cdot}}}}
       1069 \DeclareRobustCommand{\@spow}
       1070 {\ifexclavar{\@e@spow}{\@@spow}}
       1071 \DeclareRobustCommand{\@e@spow}[1]
       1072 {\bf 1072} {\bf 1072} {\bf 1073}
       1073 \DeclareRobustCommand{\@@spow}[1]
          {\mthargfun[mathscr]{P}{\defval{#1}{\cdot}}}
       \emptyrel ...
       1076 \DeclareRobustCommand{\emptyrel}
          {\mth{\varnothing}}
       \dom ...
   \cod 1079 \usrmth{dom}{}{argfun}
   \rng 1080 \usrmth{cod}{}{argfun}
   \img 1081 \usrmth{rng}{}{argfun}
       1082 \usrmth{img}{}{argfun}
   \deg ...
       1083 \usrmth{deg}{}{argfun}
       \prj ...
       1085 \DeclareRobustCommand{\prj}
       1086 {\mthlbop{\downarrow}}
   \rst ...
       1087 \DeclareRobustCommand{\rst}
          {\mthlbop{\upharpoonright}}
   \cmp ...
       1089 \DeclareRobustCommand{\cmp}
          {\mthlbop{\circ}}
       \emptyfun ...
       1092 \DeclareRobustCommand{\emptyfun}
          {\mth{\varnothing}}
       \pto ...
\verb|\pmapsto||_{1095} \verb|\DeclareMathOperator{\pto}|
          {\ensuremath{\rightharpoonup}}
       1097 \DeclareMathOperator{\pmapsto}
           {\ensuremath{\mathrel{\raisebox{0.5ex}{\footnotesize${\llcorner}$}%
            \kern-1.5ex\rightharpoonup}}}
```

```
\fix ...
    \inf_{1101} \operatorname{th}{fix}{fun}
    \gfp 1103 \usrmth{lfp}{}{fun}
         1104 \sl gfp}{fun}
         \Aomega ...
 \verb|AOmega|_{1106} \verb|\usrmth{Aomega}{{}} {argset}[\verb|\omega|_{1106} \verb|\usrmth{Aomega}|_{1106} |
         1107 \usrmth{AOmega}{}{argset}[\Omega]
 \Atheta ...
 1109 \usrmth{ATheta}{}{argset}[\Theta]
\Aomicron ...
\AOmicron 1110 \usrmth{Aomicron}{}{argset}[\omicron]
         1111 \usrmth{AOmicron}{}{argset}[\Omicron]
         \Set.B ...
         1113 \DeclareRobustCommand{\SetB}
         1114 {\mthset[mathbb]{B}}
   \SetF ...
         1115 \DeclareRobustCommand{\SetF}
         1116 {\mthset[mathbb]{F}}
   \SetN ...
  \SetNI 1117 \DeclareRobustCommand{\SetN}
             {\mthset[mathbb]{N}}
         1119 \DeclareRobustCommand{\SetNI}[1][]
         1120 {\SetN[\infty #1]}
   \SetZ ...
  \SetZI 1121 \DeclareRobustCommand{\SetZ}
 \SetZPI 1122 {\mthset[mathbb]{Z}}
 \SetZNI 1123 \DeclareRobustCommand{\SetZI}[1][]
             {\SetZ[\pm\infty #1]}
         1125 \DeclareRobustCommand{\SetZPI}[1][]
             {\SetZ[+\infty #1]}
         1127 \DeclareRobustCommand{\SetZNI}[1][]
         1128 {\SetZ[-\infty #1]}
   \SetQ ...
  \SetQI 1129 \DeclareRobustCommand{\SetQ}
 \SetQPI 1130 {\mthset[mathbb]{Q}}
 \SetQNI 1131 \DeclareRobustCommand{\SetQI}[1][]
         1132 {\SetQ[\pm\infty #1]}
         1133 \DeclareRobustCommand{\SetQPI}[1][]
         1134 {\SetQ[+\infty #1]}
         1135 \DeclareRobustCommand{\SetQNI}[1][]
         1136 {\SetQ[-\infty #1]}
   \SetR ...
  \SetRI 1137 \DeclareRobustCommand{\SetR}
 \SetRPI 1138 {\mthset[mathbb]{R}}
 \SetRNI 1139 \DeclareRobustCommand{\SetRI}[1][]
             {\SetR[\pm\infty #1]}
         1141 \DeclareRobustCommand{\SetRPI}[1][]
         1142 {\SetR[+\infty #1]}
         1143 \DeclareRobustCommand{\SetRNI}[1][]
         1144 {\SetR[-\infty #1]}
```

```
\SetC ...
\verb|\SetCI||_{1145} \verb|\DeclareRobustCommand{\SetC}|
       1146 {\mthset[mathbb]{C}}
       1147 \DeclareRobustCommand{\SetCI}[1][]
           {\SetC[\infty #1]}
       \num ...
\verb|\numcc | 1150 \verb|\DeclareRobustCommand{\num}[1]|
\numco 1151 {\mth{[#1]}}
\numoc 1152 \DeclareRobustCommand{\numcc}[2]
\numoo 1153 {\mth{[\argsep{#1}{,}{#2}]}}
       1154 \DeclareRobustCommand{\numco}[2]
            {\mth{[\argsep{#1}{,}{#2})}}
       1156 \DeclareRobustCommand{\numoc}[2]
            {\mth{(\argsep{#1}{,}{#2}]}}
       1158 \DeclareRobustCommand{\numoo}[2]
           {\mth{(\argsep{#1}{,}{#2})}}
       \abs ...
 \verb| norm | 1161 \\ | DeclareRobustCommand{\abs}|
       1162 {\ifexclavar{\@eabs}{\@abs}}
       1163 \DeclareRobustCommand{\@abs}[1]
       1164 {\mth{\argmid{\left\lvert}{#1}{\right\rvert}}}
       1165 \DeclareRobustCommand{\@eabs}[1]
       1166 {\mth!{\argmid{\lvert}{#1}{\rvert}}}
       1167 \DeclareRobustCommand{\norm}
       1168 {\ifexclavar{\@enorm}{\@norm}}
       1169 \DeclareRobustCommand{\@norm}[1]
       1170 {\mth{\argmid{\left\lVert}{#1}{\right\rVert}}}
       1171 \DeclareRobustCommand{\@enorm}[1]
       1172 {\mth!{\argmid{\lVert}{#1}{\rVert}}}
\floor ...
 \ceil 1173 \DeclareRobustCommand{\floor}
       1174 {\ifexclavar{\@efloor}{\@floor}}
       1175 \DeclareRobustCommand{\@floor}[1]
       1176 {\mth{\argmid{\left\lfloor}{#1}{\right\rfloor}}}
       1177 \DeclareRobustCommand{\@efloor}[1]
            {\mth!{\argmid{\lfloor}{#1}{\rfloor}}}
       1179 \DeclareRobustCommand{\ceil}
           {\ifexclavar{\@eceil}{\@ceil}}
       1181 \DeclareRobustCommand{\@ceil}[1]
           {\mth{\argmid{\left\lceil}{#1}{\right\rceil}}}
       1183 \DeclareRobustCommand{\@eceil}[1]
           {\mth!{\argmid{\lceil}{#1}{\rceil}}}
       \arg ...
       1186 \usrmth{arg}{}{fun}
  \evn ...
  \odd\ _{1187}\<code-block></code>
       1188 \operatorname{lusrmth} \{odd\} \{\} \{fun\}
  \bst ...
\argbst 1189 \usrmth{bst}{}{fun}
       1190 \usrmth{argbst}{}{fun}[arg\,bst]
```

```
\min ...
        \max_{1191} \operatorname{min}{}{\mathrm{min}}{}{\mathrm{fun}}
     \argmin 1192 \usrmth{max}{fun}
     \argmax 1193 \usrmth{argmin}{}{fun}[arg\,min]
            1194 \usrmth{argmax}{}{fun}[arg\,max]
        \inf ...
        \sup _{1195} \usrmth{inf}{}{fun}
            1196 \sl \{sup}{fun}
        \gcd ...
        \label{lower} $$ \lim_{1197 \ \text{usrmth}\{gcd}{}{\rm sin}$
            1198 \usrmth{lcm}{}{fun}
            \emptyseq ...
            1200 \verb|\DeclareRobustCommand{\emptyseq}|
            1201 {\mth{\varepsilon}}
        \len ...
            1202 \DeclareRobustCommand{\len}
            1203 {\ifexclavar{\@elen}{\@len}}
            1204 \DeclareRobustCommand{\@len}[1]
            1205 {\mth{\argmid{\left\lvert}{#1}{\right\rvert}}}
            1206 \DeclareRobustCommand{\@elen}[1]
            1207 {\mth!{\argmid{\lvert}{#1}{\rvert}}}
        \fst ...
        \lst _{1208} \mbox{\sc herm} {fst}{}{argfun}
            1209 \usrmth{lst}{}{argfun}
            1215 \ifcom@
  \defcomcls ... to do!
               • \defcomcls{CompClass};
                 \CompClass[sub][sup][arg] = COMPCLASS_{SUB}^{SUP}(ARG)
               • \defcomcls{CompClass}[NewClass];
                \compClass[sub][sup][arg] = NewClass_{SUB}^{SUP}(ARG)
            1216 \DeclareRobustCommandx{\defcomcls}[2][2=]
                 {\csdef{#1}{\txtoargcom{\defval{#2}{#1}}}}
\defcomclsgrp ... to do!
               • \defcomclsgrp{CompClass};
                 \CompClass[sub][sup][arg] = COMPCLASS_{SUB}^{SUP}(ARG)
                 \verb|\CoCompClass[sub][sup][arg]| = CoCompClass[sup](ARG)
                 \CompClassE[sub][sup][arg] = COMPCLASS-EASY_{SUB}^{SUP}(ARG)
                \verb|\CoCompClassE[sub][sup][arg]| = CoCompClass-Easy_{SUB}^{SUP}(ARG)
                \verb|\CompClassH[sub][sup][arg]| = CompClass-Hard_{SUB}^{SUP}(ARG)
                \verb|\CoCompClassH[sub][sup][arg]| = CoCompClass-Hard_{SUB}^{SUP}(ARG)
                 \CompClassC[sub][sup][arg] = COMPCLASS-COMPLETE_{SUB}^{SUP}(ARG)
                 \CoCompClassC[sub][sup][arg] = CoCoMPCLASS-COMPLETE_{SUB}^{SUP}(ARG)
```

```
\DCompClass[sub][sup][arg] = DCompClass_{SUB}^{SUP}(ARG)
  \CoDCompClass[sub][sup][arg] = CoDCompClass_{SUB}^{SUP}(ARG)
 \label{eq:decompClassEsub} $$ \operatorname{[sub][arg]} = \operatorname{DCompCLass-Easy}^{\operatorname{SUP}}_{\operatorname{SUB}}(\operatorname{ARG}) $$
 \verb|\CoDCompClassE[sub][sup][arg]| = CoDCompClass-EASY_{SUB}^{SUP}(ARG)
 \label{eq:decompClassHard} $$\D{\compClassHard}_{SuB}[sub][sup] = DCOMPCLASS-HARD_{SUB}^{SUP}(ARG)$
  \verb|\CoDCompClassH[sub][sup][arg]| = CoDCompClass-Hard_{SUB}^{SUP}(ARG)
  \label{eq:decompClassC} $$\D{\compClassC[sub] [sup] [arg]} = D{\ccompClass-COMPLETE}_{SUB}^{SUP}(ARG)
  \CoDCompClassC[sub][sup][arg] = CoDCompClass-CompLete_{SUB}^{SUP}(ARG)
 \verb|\NCompClass[sub][sup][arg]| = NCOMPCLASS_{SUB}^{SUP}(ARG)
 \verb|\ConCompClass[sub][sup][arg]| = ConCompClass[sup](arg)
 \verb|\NCompClassE[sub][sup][arg]| = NCompClass-Easy_{SUB}^{SUP}(ARG)
 \ConCompClassE[sub][sup][arg] = ConCompClass-Easy_{SUB}^{SUP}(ARG)
 \NCompClassH[sub][sup][arg] = NCompClass-Hard_{SUB}^{SUP}(ARG)
 \ConCompClassH[sub][sup][arg] = ConCompClass-Hard_{SUB}^{SUP}(ARG)
 \NCompClassC[sub][sup][arg] = NCompClass-CompLete_{SUB}^{SUP}(ARG)
 \verb|\ConCompClassC[sub][sup][arg]| = ConCompClass-complete_{SUB}^{SUP}(ARG)
 \UCompClass[sub][sup][arg] = UCompClass_{SUB}^{SUP}(ARG)
 \CoUCompClass[sub][sup][arg] = CoUCompClass_{SUB}^{SUP}(ARG)
 \UCompClassE[sub][sup][arg] = UCompClass-Easy_{SUB}^{SUP}(ARG)
 \CoulompClassE[sub][sup][arg] = CoulompClass-Easy_{SUB}^{SUP}(ARG)
 \label{eq:UCompClassHard} $$\UCompClassH[sub][sup][arg] = UCompClass-Hard_{SUB}^{SUP}(ARG)$
 \verb|\CoUCompClassH[sub][sup][arg]| = CoUCOMPCLASS-HARD_{SUB}^{SUP}(ARG)
  \verb|\UCompClassC[sub][sup][arg]| = UCOMPCLASS-COMPLETE_{SUB}^{SUP}(ARG)
 \CoUCompClassC[sub][sup][arg] = CoUCOMPCLASS-COMPLETE_{SUB}^{SUP}(ARG)
 \triangle CompClass[sub][sup][arg] = ACOMPCLASS_{SUB}^{SUP}(ARG)
 \verb|\CoACompClass[sub][sup][arg]| = CoACompClass[sub](arg)
 \triangle CompClassE[sub][sup][arg] = ACOMPCLASS-EASY_{SUB}^{SUP}(ARG)
 \verb|\CoACompClassE[sub][sup][arg]| = CoACompClass-Easy_{sur}^{SUP}(ARG)
 \triangle CompClassH[sub][sup][arg] = ACOMPCLASS-HARD_{SUB}^{SUP}(ARG)
  \CoACompClassH[sub][sup][arg] = CoACompClass-Hard_{SUB}^{SUP}(Arg)
  \triangle CompClassC[sub][sup][arg] = ACOMPCLASS-COMPLETE_{SUB}^{SUP}(ARG)
  \CoACompClassC[sub][sup][arg] = CoACompClass-Complete_{Sub}^{SUP}(ARG)
\defcomclsgrp{CompClass}[NewClass];
 \verb|\CompClass[sub][sup][arg]| = NewClass_{SUB}^{SUP}(ARG)
 \verb|\CoCompClass[sub][sup][arg]| = \operatorname{CoNewClass}^{SUP}_{SUB}(ARG)
 \CompClassE[sub][sup][arg] = NewClass-easy_{SUB}^{SUP}(ARG)
 \CoCompClassE[sub][sup][arg] = CoNewClass-Easy_{SUB}^{SUP}(ARG)
 \CompClassH[sub][sup][arg] = NEWCLASS-HARD_{SUB}^{SUP}(ARG)
 \verb|\CoCompClassH[sub][sup][arg]| = CoNewClass-Hard_{SUB}^{SUP}(ARG)
 \verb|\CompClassC[sub][sup][arg]| = NewClass-complete_{sub}^{SUP}(ARG)
 \CoCompClassC[sub][sup][arg] = CoNewClass-CompLete_{SUB}^{SUP}(ARG)
 \verb|\DCompClass[sub][sup][arg]| = DNEWCLASS_{SUB}^{SUP}(ARG)
 \CoDCompClass[sub][sup][arg] = CoDNewClass_{SUB}^{SUP}(ARG)
 \label{eq:decompClassE[sub][sup][arg]} DNEWCLASS-EASY_{SUB}^{SUP}(ARG)
 \verb|\CoDCompClassE[sub][sup][arg]| = CoDNewClass-easy_{Sub}^{SUP}(ARG)
 \label{eq:DCompClassH} $$ \DCompClassH[sub] [sup] [arg] = DNEWCLASS-HARD_{SUB}^{SUP}(ARG) $$
 \CodCompClassH[sub][sup][arg] = CodNewClass-Hard_{SUB}^{SUP}(Arg)
 \label{eq:decompClassC} $$\D{\compClassC[sub][sup][arg]} = DNEWCLASS-COMPLETE_{SUB}^{SUP}(ARG)
 \CodCompClassC[sub][sup][arg] = CodNewClass-CompLete_{SUB}^{SUP}(ARG)
 \verb|\NCompClass[sub][sup][arg]| = NNEWCLASS_{SUB}^{SUP}(ARG)
 \verb|\ConCompClass[sub][sup][arg]| = CoNNewClass_{SUB}^{SUP}(ARG)
 \NCompClassE[sub][sup][arg] = NNEWCLASS-EASY_{SUB}^{SUP}(ARG)
 \ConCompClassE[sub][sup][arg] = ConNewClass-Easy_{SUB}^{SUP}(Arg)
 \N{\c CLass-Hard}_{SUB}[sup][arg] = NNEWCLass-Hard_{SUB}^{SUP}(ARG)
 \ConCompClassH[sub][sup][arg] = ConNewClass-Hard_{SUB}^{SUP}(Arg)
 \NCompClassC[sub][sup][arg] = NNEWCLASS-COMPLETE_{SUB}^{SUP}(ARG)
 \verb|\ConCompClassC[sub][sup][arg]| = ConNewClass-complete_{SUB}^{SUP}(ARG)
```

```
\UCompClass[sub][sup][arg] = UNEWCLASS_{SUB}^{SUP}(ARG)
                 \verb|\CoUCompClass[sub][sup][arg]| = CoUNEWCLASS^{SUP}_{SUB}(ARG)
                 \UCompClassE[sub][sup][arg] = UNEWCLASS-EASY_{SUB}^{SUP}(ARG)
                 \verb|\CoUCompClassE[sub][sup][arg]| = CoUNEWCLASS-EASY_{SUB}^{SUP}(ARG)
                \label{eq:UCompClassH} $$ \UCompClassH[sub] [sup] [arg] = UNEWCLASS-HARD_{SUB}^{SUP}(ARG) $$
                 \verb|\CoUCompClassH[sub][sup][arg]| = CoUNEWCLASS-HARD_{SUB}^{SUP}(ARG)
                 \UCompClassC[sub][sup][arg] = UNEWCLASS-COMPLETE_{SUB}^{SUP}(ARG)
                 \CoUCompClassC[sub][sup][arg] = CoUNEWCLASS-COMPLETE_{SUB}^{SUP}(ARG)
                \verb|\ACompClass[sub][sup][arg]| = ANEWCLASS_{SUB}^{SUP}(ARG)
                 \verb|\CoACompClass[sub][sup][arg]| = CoANewClass_{SUB}^{SUP}(ARG)
                 \label{eq:accomplex} $$ \Delta CompClassE[sub][sup][arg] = ANEWCLASS-EASY_{SUB}^{SUP}(ARG) $$
                 \CoACompClassE[sub][sup][arg] = CoANEWCLASS-EASY_{SUB}^{SUP}(ARG)
                 \ACompClassH[sub][sup][arg] = ANEWCLASS-HARD_{SUB}^{SUP}(ARG)
                 \CoACompClassH[sub][sup][arg] = CoANEWCLASS-HARD_{SUB}^{SUP}(ARG)
                 \triangle CompClassC[sub][sup][arg] = ANEWCLASS-COMPLETE_{SUB}^{SUP}(ARG)
                 \verb|\CoACompClassC[sub][sup][arg]| = CoANewClass-complete_{SUB}^{SUP}(ARG)
           1218 \DeclareRobustCommandx{\defcomclsgrp}[2][2=]
                 {\displaystyle \{\defcomclsgrpsem\{\#1\}\{\defval\{\#2\}\{\#1\}\}\}}
                 1221 \DeclareRobustCommandx{\defcomclsgrpsem}[3][3=]
                 {\defcomclsgrpred{#3#1}{#2}[#3]%
           1223
                 \defcomclsgrpred{#3D#1}{#2}[#3D]%
           1224
                 \defcomclsgrpred{#3N#1}{#2}[#3N]%
           1225
                 \defcomclsgrpred{#3U#1}{#2}[#3U]%
                 \defcomclsgrpred{#3A#1}{#2}[#3A]}
           1227 \DeclareRobustCommandx{\defcomclsgrpred}[3][3=]
                 {\defcomclsgrpcmd{#1}{#2}[#3]%
           1228
           1229
                 \defcomclsgrpcmd{#1E}{#2}[#3][-easy]%
           1230
                 \defcomclsgrpcmd{#1H}{#2}[#3][-hard]%
                 \defcomclsgrpcmd{#1C}{#2}[#3][-complete]}%
           1232 \DeclareRobustCommandx{\defcomclsgrpcmd}[4][3=, 4=]
                 {\csdef{#1}{\txtoargcom{#3#2#4}}}
\defcomhrc ... to do!
              • \defcomhrc{CompHierarchy};
                 CompHierarchy[sub][sup][par] = COMPHIERARCHY<sup>SUP</sup><sub>SUB</sub>[PAR]
               • \defcomhrc{CompHierarchy} [NewHierarchy];
                 {\tt CompHierarchy[sub][sup][par] = NewHierarchy^{SUP}_{SUB}[PAR]}
           1234 \DeclareRobustCommandx{\defcomhrc}[2][2=]
                 {\csdef{#1}{\txtoparcom{\defval{#2}{#1}}}}
           \Easy
     \Hard 1237 \cmdtxtcom{Easy}
 \Complete 1238 \cmdtxtcom{Hard}
           1239 \cmdtxtcom{Complete}
           • \FPT[sub][sup][arg] = FPT_{SUB}^{SUP}(ARG)
      \FPT
    \FPLin
              • \FPLin[sub][sup][arg] = FPL_{SUB}^{SUP}(ARG)
    \FPQdr
               • \FPQdr[sub][sup][arg] = FPQ_{SUB}^{SUP}(ARG)
    \FPCub
               • \FPCub[sub][sup][arg] = FPC_{SUB}^{SUP}(ARG)
           1241 \defcomcls{FPT}
           1242 \defcomcls{FPLin}[FPL]
           1243 \defcomcls{FPQdr}[FPQ]
           1244 \defcomcls{FPCub}[FPC]
```

```
\Time(E/H/C)
                        • Time[sub][sup][arg] = TIME_{SUB}^{SUP}(ARG)
                          TimeE[sub][sup][arg] = TIME-EASY_{SUB}^{SUP}(ARG)
   \DTime(E/H/C)
                          TimeH[sub][sup][arg] = TIME-HARD_{SUB}^{SUP}(ARG)
   \Time(E/H/C)
                          TimeC[sub][sup][arg] = TIME-COMPLETE_{SUB}^{SUP}(ARG)
   \UTime(E/H/C)
   \ATime(E/H/C)
                        • \DTime[sub][sup][arg] = DTIME_{SUB}^{SUP}(ARG)
                          \label{eq:def:def:DTimeE[sub] sup} $$ [arg] = DTIME-EASY_{SUB}^{SUP}(ARG) $$
                          \DTimeH[sub][sup][arg] = DTIME-HARD_{SUB}^{SUP}(ARG)
                          \verb|\DTimeC[sub][sup][arg]| = DTIME-COMPLETE_{SUB}^{SUP}(ARG)
                        • \NTime[sub][sup][arg] = NTIME_{SUB}^{SUP}(ARG)
                          \NTimeE[sub][sup][arg] = NTIME-EASY_{SUB}^{SUP}(ARG)
                          \NTimeH[sub][sup][arg] = NTIME-HARD_{SUB}^{SUP}(ARG)
                          \texttt{NTimeC[sub][sup][arg]} = \text{NTIME-COMPLETE}_{\text{SUB}}^{\text{SUP}}(\text{ARG})
                        • \UTime[sub][sup][arg] = UTIME_{SUB}^{SUP}(ARG)
                          \UTimeE[sub][sup][arg] = UTIME-EASY_{SUB}^{SUP}(ARG)
                          \UTimeH[sub][sup][arg] = UTIME-HARD_{SUB}^{SUP}(ARG)
                          \UTimeC[sub][sup][arg] = UTIME-COMPLETE_{SUB}^{SUP}(ARG)
                        • ATime[sub][sup][arg] = ATIME_{SUB}^{SUP}(ARG)
                          \texttt{\ATimeE[sub][sup][arg]} = \text{ATIME-EASY}^{\text{SUP}}_{\text{SUB}}(\text{ARG})
                          \Delta TimeH[sub][sup][arg] = ATIME-HARD_{SUB}^{SUP}(ARG)
                          \Delta TimeC[sub][sup][arg] = ATIME-COMPLETE_{SUB}^{SUP}(ARG)
                    1246 \defcomclsgrp{Time}
   \Space(E/H/C)
                        • Space[sub][sup][arg] = SPACE_{SUB}^{SUP}(ARG)
                          \SpaceE[sub][sup][arg] = SPACE-EASY_{SUB}^{SUP}(ARG)
  \DSpace(E/H/C)
                          \SpaceH[sub][sup][arg] = SPACE-HARD_{SUB}^{SUP}(ARG)
  \NSpace(E/H/C)
                          \SpaceC[sub][sup][arg] = SPACE-COMPLETE_{SUB}^{SUP}(ARG)
  \USpace(E/H/C)
                        \bullet \ \texttt{\bace[sub][sup][arg]} = \mathrm{DSPACE}^{SUP}_{SUB}(ARG)
  \ASpace(E/H/C)
                          \DSpaceE[sub][sup][arg] = DSPACE-EASY_{SUB}^{SUP}(ARG)
                          \DSpaceH[sub][sup][arg] = DSPACE-HARD_{SUB}^{SUP}(ARG)
                          \DSpaceC[sub][sup][arg] = DSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                        \NSpaceE[sub][sup][arg] = NSPACE-EASY_{SUB}^{SUP}(ARG)
                          \verb|\NSpaceH[sub][sup][arg]| = NSPACE-HARD_{SUB}^{SUP}(ARG)
                          \verb|\NSpaceC[sub][sup][arg]| = NSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                        \bullet \ \ \texttt{USpace[sub][sup][arg]} = \mathrm{USPACE}^{SUP}_{SUB}(ARG)
                          \USpaceE[sub][sup][arg] = USPACE-EASY_{SUB}^{SUP}(ARG)
                          \USpaceH[sub][sup][arg] = USPACE-HARD_{SUB}^{SUP}(ARG)
                          \verb|VSpaceC[sub][sup][arg]| = USPACE-COMPLETE_{SUB}^{SUP}(ARG)
                        • ASpace[sub][sup][arg] = ASPACE_{SUB}^{SUP}(ARG)
                          ASpaceE[sub][sup][arg] = ASPACE-EASY_{SUB}^{SUP}(ARG)
                          ASpaceH[sub][sup][arg] = ASPACE-HARD_{SUB}^{SUP}(ARG)
                          \texttt{ASpaceC[sub][sup][arg]} = ASPACE-COMPLETE_{SUB}^{SUP}(ARG)
                    1247 \defcomclsgrp{Space}
 \LogTime(E/H/C)
                         \bullet \ \texttt{LogTime[sub][sup][arg]} = \mathrm{LogTime}^{SUP}_{SUB}(ARG) 
                          \verb|\LogTimeE[sub][sup][arg]| = LogTime-Easy_{SUB}^{SUP}(ARG)
\DLogTime(E/H/C)
                          \LogTimeH[sub][sup][arg] = LogTime-Hard_{SUB}^{SUP}(Arg)
\NLogTime(E/H/C)
                          \lceil LogTimeC[sub][sup][arg] = LogTime-Complete_{Sub}^{SUP}(ARG)
\ULogTime(E/H/C)
\ALogTime(E/H/C)
                        \DLogTimeE[sub][sup][arg] = DLogTime-EASY_{SUB}^{SUP}(ARG)
                          \DLogTimeH[sub][sup][arg] = DLogTime-HARD_{SUB}^{SUP}(ARG)
                          \DLogTimeC[sub][sup][arg] = DLogTime-COMPLETE_{SUB}^{SUP}(ARG)
                        \NLogTimeE[sub][sup][arg] = NLogTime-EASY_{SUB}^{SUP}(ARG)
                          \verb|\NLogTimeH[sub][sup][arg]| = NLOGTIME-HARD_{SUB}^{SUP}(ARG)
                          \NLogTimeC[sub][sup][arg] = NLogTime-Complete_{SUB}^{SUP}(ARG)
```

```
\verb|\ULogTimeH[sub][sup][arg]| = ULogTime-Hard_{SUB}^{SUP}(ARG)
                           \label{eq:ULogTimeCsub} $$\ULogTimeC[sub][sup] [arg] = ULogTime-COMPLETE_{SUB}^{SUP}(ARG)$
                         • ALogTime[sub][sup][arg] = ALogTime_{SUB}^{SUP}(ARG)
                           \verb|\ALogTimeE[sub][sup][arg]| = ALogTime-EASY_{SUB}^{SUP}(ARG)
                           \ALogTimeH[sub][sup][arg] = ALogTime-Hard_{Sub}^{SUP}(Arg)
                           \ALogTimeC[sub][sup][arg] = ALogTime-COMPLETE_{SUB}^{SUP}(ARG)
                     1248 \defcomclsgrp{LogTime}
\LogSpace(E/H/C)
                         • LogSpace[sub][sup][arg] = LogSpace_{SUB}^{SUP}(ARG)
                            LogSpaceE[sub][sup][arg] = LogSpace-Easy_{SUB}^{SUP}(ARG)
\DLogSpace(E/H/C)
                            LogSpaceH[sub][sup][arg] = LogSpace-Hard_{SUB}^{SUP}(Arg)
\NLogSpace(E/H/C)
                           LogSpaceC[sub][sup][arg] = LogSpace-Complete_{SUB}^{SUP}(ARG)
\ULogSpace(E/H/C)
                         • \DLogSpace[sub][sup][arg] = DLogSpace_{SUB}^{SUP}(ARG)
\ALogSpace(E/H/C)
                            \verb|\DLogSpaceE[sub][sup][arg]| = DLogSpace-easy_{SUB}^{SUP}(ARG)
                            \verb|\DLogSpaceH[sub][sup][arg]| = DLogSpace-Hard_{SUB}^{SUP}(ARG)
                            \DLogSpaceC[sub][sup][arg] = DLogSpace-Complete_{Sub}^{SUP}(Arg)
                         • \NLogSpace[sub][sup][arg] = NLogSpace_{SUB}^{SUP}(ARG)
                           \NLogSpaceE[sub][sup][arg] = NLogSpace-Easy_{SUB}^{SUP}(ARG)
                            \NLogSpaceH[sub][sup][arg] = NLogSpace-Hard_{SUB}^{SUP}(ARG)
                           \NLogSpaceC[sub][sup][arg] = NLogSpace-Complete_{SUB}^{SUP}(Arg)
                         • \ULogSpace[sub][sup][arg] = ULogSpace_{SUB}^{SUP}(ARG)
                           \ULogSpaceE[sub][sup][arg] = ULogSpace-Easy_{SUB}^{SUP}(ARG)
                            \verb|\ULogSpaceH[sub][sup][arg]| = ULogSpace-Hard_{SUB}^{SUP}(ARG)
                           \ULogSpaceC[sub][sup][arg] = ULogSpace-Complete_{SUB}^{SUP}(Arg)
                         • ALogSpace[sub][sup][arg] = ALogSpace_{SUB}^{SUP}(ARG)
                           \verb|\ALogSpaceE[sub][sup][arg]| = ALogSpace-easy_{sub}^{SUP}(ARG)
                           \verb|\ALogSpaceH[sub][sup][arg]| = ALogSpace-Hard_{SUB}^{SUP}(ARG)
                           \verb|\ALogSpaceC[sub][sup][arg]| = ALogSpace-complete_{Sub}^{SUP}(ARG)
                     1249 \defcomclsgrp{LogSpace}
    \PTime(E/H/C)
                         • \P [sub] [sup] [arg] = PTIME_{SUB}^{SUP}(ARG)
                           \PTimeE[sub][sup][arg] = PTIME-EASY_{SUB}^{SUP}(ARG)
   \DPTime(E/H/C)
                            \P \PTimeH[sub] [sup] [arg] = PTIME-HARD_SUB (ARG)
   \NPTime(E/H/C)
                            \label{eq:ptimeC} $$ \Pr[\sup] [arg] = \Pr[ME-COMPLETE_{SUB}^{SUP}(ARG)] $$
   \UPTime(E/H/C)
   \APTime(E/H/C)
                         • \DPTime[sub][sup][arg] = DPTIME_SUB(ARG)
                            \DPTimeE[sub][sup][arg] = DPTIME-EASY_{SUB}^{SUP}(ARG)
                            \DPTimeH[sub][sup][arg] = DPTIME-HARD_{SUB}^{SUP}(ARG)
                           \DPTimeC[sub][sup][arg] = DPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                         • \NPTime[sub][sup][arg] = NPTIME_{SUB}^{SUP}(ARG)
                           \label{eq:nptimeE} $$ \DTimeE[sub][sup][arg] = NPTIME-EASY_{SUB}^{SUP}(ARG) $$
                            \NPTimeH[sub][sup][arg] = NPTIME-HARD_{SUB}^{SUP}(ARG)
                           \NPTimeC[sub][sup][arg] = NPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                         • \UPTime[sub][sup][arg] = UPTIME_{SUB}^{SUP}(ARG)
                           \UPTimeE[sub][sup][arg] = UPTIME-EASY_{SUB}^{SUP}(ARG)
                           \UPTimeH[sub][sup][arg] = UPTIME-HARD_{SUB}^{SUP}(ARG)
                           \UPTimeC[sub][sup][arg] = UPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                         \bullet \ \texttt{\ \ } \texttt{[sub][sup][arg]} = APTIME^{SUP}_{SUB}(ARG)
                            \verb| APTimeE[sub][sup][arg] = APTIME-EASY_{SUB}^{SUP}(ARG)
                           \Delta PTimeH[sub][sup][arg] = APTIME-HARD_{SUB}^{SUP}(ARG)
                           \APTimeC[sub][sup][arg] = APTIME-COMPLETE_{SUB}^{SUP}(ARG)
                     1250 \defcomclsgrp{PTime}
                         \PSpace(E/H/C)
                            \PSpaceE[sub][sup][arg] = PSPACE-EASY_{SUB}^{SUP}(ARG)
  \DPSpace(E/H/C)
                            \verb|\PSpaceH[sub][sup][arg]| = PSPACE-HARD_{SUB}^{SUP}(ARG)
  \NPSpace(E/H/C)
                            \label{eq:pspaceCsub} $$ \PSpaceC[sub][sup][arg] = PSpace-Complete_{SUB}^{SUP}(ARG) $$
  \UPSpace(E/H/C)
  \APSpace(E/H/C)
```

• $\ULogTime[sub][sup][arg] = ULogTime_{SUB}^{SUP}(ARG)$

 $\verb| ULogTimeE[sub][sup][arg] = ULogTime-EASY_{SUB}^{SUP}(ARG)$

```
\verb|\DPSpaceE[sub][sup][arg]| = \mathrm{DPSPACE\text{-}EASY}^{SUP}_{SUB}(ARG)
                             \DPSpaceH[sub][sup][arg] = DPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \label{eq:def:DPSpaceC[sub] sup of the definition} \begin{sub}[t]{l} DPSpaceC[sub][t] & DPSpaceComplete $E_{SUB}^{SUP}(ARG)$ \end{sub} \end{sub}
                           • \NPSpace[sub][sup][arg] = NPSPACE_{SUB}^{SUP}(ARG)
                             \label{eq:npspace} $$ \NPSpaceE[sub] [sup] [arg] = NPSpace-Easy_{SUB}^{SUP}(ARG) $$
                             \verb|NPSpaceH[sub][sup][arg]| = NPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \NPSpaceC[sub][sup][arg] = NPSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                           • \UPSpace[sub][sup][arg] = UPSpace_Sup(ARG)
                             \UPSpaceE[sub][sup][arg] = UPSPACE-EASY_{SUB}^{SUP}(ARG)
                             \UPSpaceH[sub][sup][arg] = UPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \label{eq:upspace} $$ \UPSPACE-COMPLETE_{SUB}^{SUP}(ARG) = UPSPACE-COMPLETE_{SUB}^{SUP}(ARG) $$
                           • APSpace[sub][sup][arg] = APSPACE_{SUB}^{SUP}(ARG)
                             \verb|\APSpaceE[sub][sup][arg]| = APSpace-easy_{sub}^{SUP}(ARG)
                             \label{eq:apsign} $$ \APSpaceH[sub] [sup] [arg] = APSpace-Hard_{SUB}^{SUP}(ARG) $$
                             \APSpaceC[sub][sup][arg] = APSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                      1251 \defcomclsgrp{PSpace}
                           • \QPTime[sub][sup][arg] = QPTIME_{SUB}^{SUP}(ARG)
  \QPTime(E/H/C)
                             \QPTimeE[sub][sup][arg] = QPTIME-EASY_{SUB}^{SUP}(ARG)
 \DQPTime(E/H/C)
                             \verb|\QPTimeH[sub][sup][arg]| = \mathrm{QPTIME-HARD}^{SUP}_{SUB}(ARG)
 \NQPTime(E/H/C)
                             \QPTimeC[sub][sup][arg] = QPTIME-COMPLETE_{SUB}^{SUP}(ARG)
 \UQPTime(E/H/C)
                           • \DQPTime[sub][sup][arg] = DQPTIME_{SUB}^{SUP}(ARG)
 \AQPTime(E/H/C)
                             \verb|\DQPTimeE[sub][sup][arg]| = \mathrm{DQPTIME-EASY}^{SUP}_{SUB}(\mathrm{ARG})
                             \texttt{DQPTimeH[sub][sup][arg]} = DQPTIME-HARD_{SUB}^{SUP}(ARG)
                             \label{eq:def-DQPTimeC} $$ \DQPTimeC[sub] [sup] [arg] = DQPTIME-COMPLETE_{SUB}^{SUP}(ARG) $$
                           • \NQPTime[sub][sup][arg] = NQPTIME_{SUB}^{SUP}(ARG)
                             \NQPTimeE[sub][sup][arg] = NQPTIME-EASY_{SUB}^{SUP}(ARG)
                             \NQPTimeH[sub][sup][arg] = NQPTIME-HARD_{SUB}^{SUP}(ARG)
                             \verb|NQPTimeC[sub][sup][arg]| = NQPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                           • \text{VQPTime[sub][sup][arg]} = \text{UQPTIME}_{\text{SUB}}^{\text{SUP}}(\text{ARG})
                             \UQPTimeE[sub][sup][arg] = UQPTIME-EASY_{SUB}^{SUP}(ARG)
                             \verb|VQPTimeH[sub][sup][arg]| = UQPTIME-HARD_{SUB}^{SUP}(ARG)
                             \verb|VUQPTimeC[sub][sup][arg]| = UQPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                           • AQPTime[sub][sup][arg] = AQPTIME_{SUB}^{SUP}(ARG)
                             \texttt{AQPTimeE[sub][sup][arg]} = AQPTIME-EASY_{SUB}^{SUP}(ARG)
                             \AQPTimeH[sub][sup][arg] = AQPTIME-HARD_{SUB}^{SUP}(ARG)
                             \triangle AQPTimeC[sub][sup][arg] = AQPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                      1252 \defcomclsgrp{QPTime}
                           • \QPSpace[sub][sup][arg] = QPSPACE_{SUB}^{SUP}(ARG)
 \QPSpace(E/H/C)
                             \label{eq:QPSpaceEsub} $$ \operatorname{QPSpace-EASY}_{SUB}^{SUP}(ARG) $$
\DQPSpace(E/H/C)
                             \verb|\QPSpaceH[sub][sup][arg]| = QPSPACE-HARD_{SUB}^{SUP}(ARG)
\NQPSpace(E/H/C)
                             \label{eq:QPSpaceC[sub][sup][arg]} = \operatorname{QPSPACE-COMPLETE}_{SUB}^{SUP}(\operatorname{ARG})
\UQPSpace(E/H/C)
                           • \DQPSpace[sub][sup][arg] = DQPSPACE_{SUB}^{SUP}(ARG)
\AQPSpace(E/H/C)
                             \DQPSpaceE[sub][sup][arg] = DQPSPACE-EASY_{SUB}^{SUP}(ARG)
                             \DQPSpaceH[sub][sup][arg] = DQPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \texttt{DQPSpaceC[sub][sup][arg]} = DQPSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                           • \NQPSpace[sub][sup][arg] = NQPSPACE_{SUB}^{SUP}(ARG)
                             \verb|\NQPSpaceE[sub][sup][arg]| = NQPSPACE-EASY_{SUB}^{SUP}(ARG)
                             \verb|\NQPSpaceH[sub][sup][arg]| = NQPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \verb|NQPSpaceC[sub][sup][arg]| = NQPSpace-complete_{sub}^{SUP}(ARG)
                           • UQPSpace[sub][sup][arg] = UQPSPACE_{SUB}^{SUP}(ARG)
                             \verb|VQPSpaceE[sub][sup][arg]| = \mathrm{UQPSpace-EASY}^{SUP}_{SUB}(\mathrm{ARG})
                             \verb|VQPSpaceH[sub][sup][arg]| = UQPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \UQPSpaceC[sub][sup][arg] = UQPSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                           \bullet \ \texttt{\AQPSpace[sub][sup][arg]} = \mathrm{AQPSpace}^{SUP}_{SUB}(\mathrm{ARG})
                             \verb|\AQPSpaceE[sub][sup][arg]| = \mathrm{AQPSpace\text{-}EASY}^{SUP}_{SUB}(\mathrm{ARG})
                             \texttt{AQPSpaceH[sub][sup][arg]} = AQPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \triangle QPSpaceC[sub][sup][arg] = AQPSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                       1253 \setminus defcomclsgrp{QPSpace}
```

• \DPSpace[sub][sup][arg] = DPSpace_Sub_(ARG)

```
\ExpTime(E/H/C)
                           • \ensuremath{\mathsf{ExpTime}}[\ensuremath{\mathsf{sub}}][\ensuremath{\mathsf{sup}}][\ensuremath{\mathsf{arg}}] = \ensuremath{\mathsf{ExpTime}}^{\ensuremath{\mathsf{SUP}}}(\ensuremath{\mathsf{ARG}})
                             \verb|\ExpTimeE[sub][sup][arg]| = EXPTIME-EASY_{SUB}^{SUP}(ARG)
 \DExpTime(E/H/C)
                             \verb|\ExpTimeH[sub][sup][arg]| = \operatorname{EXPTIME-HARD}_{SUB}^{SUP}(\operatorname{ARG})
 \NExpTime(E/H/C)
                             \texttt{ExpTimeC[sub][sup][arg]} = \text{EXPTIME-COMPLETE}_{SUB}^{SUP}(ARG)
 \UExpTime(E/H/C)
 \AExpTime(E/H/C)
                           • \DExpTime[sub][sup][arg] = DEXPTIME_{SUB}^{SUP}(ARG)
                             \verb|\DExpTimeE[sub][sup][arg]| = DEXPTIME-EASY_{SUB}^{SUP}(ARG)
                             \verb|\DExpTimeH[sub][sup][arg]| = DEXPTIME-HARD_{SUB}^{SUP}(ARG)
                             \DExpTimeC[sub][sup][arg] = DEXPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                            \bullet \ \texttt{NExpTime[sub][sup][arg]} = NExpTime^{SUP}_{SUB}(ARG) 
                             \verb|\NExpTimeE[sub][sup][arg]| = NEXPTIME-EASY_{SUB}^{SUP}(ARG)
                             \verb|\NExpTimeH[sub][sup][arg]| = NEXPTIME-HARD_{SUB}^{SUP}(ARG)
                             \verb|\NExpTimeC[sub][sup][arg]| = NEXPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                           • \UExpTime[sub][sup][arg] = UEXpTIME_{SUB}^{SUP}(ARG)
                             \verb|\UExpTimeE[sub][sup][arg]| = UEXPTIME-EASY_{SUB}^{SUP}(ARG)
                             \UExpTimeH[sub][sup][arg] = UEXPTIME-HARD_{SUB}^{SUP}(ARG)
                             \verb|\UExpTimeC[sub][sup][arg]| = UEXPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                           • \AExpTime[sub][sup][arg] = AExpTime_SUP_(ARG)
                             \Delta ExpTimeE[sub][sup][arg] = AEXpTIME-EASY_{SUB}^{SUP}(ARG)
                             \texttt{AExpTimeH[sub][sup][arg]} = \text{AEXPTIME-HARD}^{SUP}_{SUB}(\text{ARG})
                             \verb|\AExpTimeC[sub][sup][arg]| = AEXPTIME-COMPLETE_{SUB}^{SUP}(ARG)
                       1254 \defcomclsgrp{ExpTime}
                           • \ExpSpace[sub][sup][arg] = EXPSPACE_{SUB}^{SUP}(ARG)
 \ExpSpace(E/H/C)
                             \ExpSpaceE[sub][sup][arg] = EXPSPACE-EASY_{SUB}^{SUP}(ARG)
\DExpSpace(E/H/C)
                             \texttt{\colored{LexpSpaceH[sub][sup][arg]}} = \operatorname{ExpSpace-HARD}^{SUP}_{SUB}(ARG)
\NExpSpace(E/H/C)
                             \ExpSpaceC[sub][sup][arg] = ExpSpace-CompleteSup(Arg)
\UExpSpace(E/H/C)
                           • \DExpSpace[sub][sup][arg] = DExpSpace_Sup(ARG)
\AExpSpace(E/H/C)
                             \verb|\DExpSpaceE[sub][sup][arg]| = DEXPSPACE-EASY_{SUB}^{SUP}(ARG)
                             \verb|\DExpSpaceH[sub][sup][arg]| = DEXPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \DExpSpaceC[sub][sup][arg] = DExpSpace-COMPLETE_{SUB}^{SUP}(ARG)
                           • \NExpSpace[sub][sup][arg] = NExpSpace_{SUB}^{SUP}(ARG)
                             \NExpSpaceE[sub][sup][arg] = NEXPSPACE-EASY_{SUB}^{SUP}(ARG)
                             \NExpSpaceH[sub][sup][arg] = NEXpSpace-Hard_{SUB}^{SUP}(ARG)
                             \NExpSpaceC[sub][sup][arg] = NEXPSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                           \verb|\UExpSpaceE[sub][sup][arg]| = UEXPSPACE-EASY_{SUB}^{SUP}(ARG)
                             \label{eq:uexpSpaceH} $$ \UExpSpaceH[sub][sup][arg] = UExpSpace-HARD_{SUB}^{SUP}(ARG) $$
                             \UExpSpaceC[sub][sup][arg] = UExpSpace-Complete_{SUB}^{SUP}(ARG)
                           • \triangle ExpSpace[sub][sup][arg] = AExpSpace_{Sub}^{SUP}(ARG)
                             \Delta ExpSpaceE[sub][sup][arg] = AEXPSPACE-EASY_{SUB}^{SUP}(ARG)
                             \verb|\AExpSpaceH[sub][sup][arg]| = AEXPSPACE-HARD_{SUB}^{SUP}(ARG)
                             \Delta ExpSpaceC[sub][sup][arg] = AEXPSPACE-COMPLETE_{SUB}^{SUP}(ARG)
                       1255 \defcomclsgrp{ExpSpace}
                       \PH
                           • \PH[sub][sup][par] = PH_{SUB}^{SUP}[PAR]
                       1257 \defcomhrc{PH}
                           ullet \WH[sub][sup][par] = W_{	ext{SUB}}^{	ext{SUP}}[PAR]
                 \WH
                       1258 \defcomhrc{WH}[W]
                 \AH
                           ullet \AH[sub][sup][par] = A_{	ext{SUB}}^{	ext{SUP}}[PAR]
                       1259 \defcomhrc{AH}[A]
                           ullet \DLH[sub][sup][par] = \Delta_{	ext{SUB}}^{	ext{SUP}}[	ext{PAR}]
                \DLH
                \DBH
                           ullet \DBH[sub][sup][par] = oldsymbol{\Delta}_{	ext{SUB}}^{	ext{SUP}}[	ext{PAR}]
                       1260 \defcomhrc{DLH}[{\mth{\Delta}}]
                       1261 \defcomhrc{DBH}[{\mth[mathbf]{\Delta}}]
```

```
ullet \ELH[sub] [sup] [par] = \Sigma_{\mathrm{SUB}}^{\mathrm{SUP}}[\mathrm{PAR}]
  \ELH
  \EBH
       ullet \EBH[sub][sup][par] = oldsymbol{\Sigma}^{	ext{SUP}}_{	ext{SUR}}[	ext{PAR}]
     1262 \defcomhrc{ELH}[{\mth{\Sigma}}]
     1263 \defcomhrc{EBH}[{\mth[mathbf]{\Sigma}}]
  \ULH
       • \ULH[sub][sup][par] = \Pi_{\text{SUB}}^{\text{SUP}}[PAR]
  \UBH
       ullet \UBH[sub][sup][par] = oldsymbol{\Pi}^{	ext{SUP}}_{	ext{SUB}}[	ext{PAR}]
     1264 \defcomhrc{ULH}[{\bf \{\hh{\Pi}\}}]
     1265 \defcomhrc{UBH}[{\mth[mathbf]{\Pi}}]
     1271 \ifgrp@
     \GrpName ...
   \cdots 1273 \newcommand{\grpname}{G}
     1274 \usrmthlatupp{Grp}{Name}{name}[\grpname]
\VerSet ...
   ··· 1275 \newcommand{\versym}{v}
     1276 \newcommand{\verset}{V}
     1277 \cmdmthsetext{Ver}[\verset][\versym]
     1278 \cmdmthsymelm{iver}[\versym_{I}]
     1279 \cmdmthsymelm{fver}[\versym_{F}]
\EdgRel ...
     1280 \newcommand{\edgrel}{E}
     1281 \cmdmthrel{Edg}[\edgrel]
     \PthSet ...
1284 \newcommand{\pthset}{Pth}
     1285 \cmdmthsetext{Pth} [\pthset] [\pthsym]
     1286 \usrmth{path}{}{argfun}
  \pre ...
  \suc _{1287} \usrmth{pre}{}{oargfun}
     1288 \usrmth{suc}{}{oargfun}
     1294 \ifgam@
     \SATG ...
   · · · 1296 %% Satisfiability Games
     1297 \cmdtxtoparname{SATG}[Sat]
     1298
     1299 %% Validity Games
     1300 \cmdtxtoparname{VALG}[Val]
     1302 %% Evaluation Games
```

```
1303 \cmdtxtoparname{EVLG}[Ev1]
          1305 %% Synthesis Games
          1306 \cmdtxtoparname{SYNG}[Syn]
          1308 %% Model-Checking Games
          1309 \cmdtxtoparname{MCG}[MC]
          1311 %% Ehrenfeucht-Fraisse Games
          1312 \cmdtxtoparname{EFG}[EF]
          \PlrSym ...
   \verb|\OppSym 1314 \newcommand{\plrsym}{E}|
          1315 \cmdmthsym{Plr}[\plrsym]
          1316 \newcommand{\operatorname{Oppsym}}{A}
          1317 \cmdmthsym{Opp}[\oppsym]
\ArenaName ...
      ... 1318 \newcommand{\arenaname}{A}
          1319 \usrmthlatupp{Arena}{Name}{name}[\arenaname]
  \PosSet ...
      \cdots 1320 \newcommand{\possym}{v}
          1321 \newcommand{\posset}{Ps}
          1322 \cmdmthsetext{Pos}[\posset][\possym]
          1323 \cmdmthsymelm{ipos}[\possym_{I}]
          1324 \cmdmthsymelm{fpos}[\possym_{F}]
          1325 \cmdmthset{PPos}[\posset_{\PlrSym}]
          1326 \verb|\cmdmthsymelm{ppos}[\possym_{\PlrSym}]|
          1327 \verb|\cmdmthset{OPos}[\posset_{\OppSym}]|
          1328 \cmdmthsymelm{opos}[\possym_{\OppSym}]
  \PlrFun ...
          1329 \newcommand{\plrfun}{pl}
          1330 \cmdmthfun{plr}[\plrfun]
  \MovRel ...
          1331 \newcommand{\movrel}{Mv}
          1332 \cmdmthrel{Mov}[\movrel]
 \GameName ...
      ... 1333 \newcommand{\gamename}{\Game}
          1334 \usrmthlatupp{Game}{Name}{name}[\gamename]
  \WinSet ...
          1335 \newcommand{\winset}{Wn}
          1336 \cmdmthset{Win}[\winset]
  \ObsSet ...
   \orderline{1}{0} \orderline{1}{0}
          1338 \cmdmthset{Obs}[\obsset]
          1339 \cmdmthfun{obs}
          \HstSet ...
      · · · 1341 \newcommand{\hstsym}{\varpi}
          1342 \mbox{ } \mbox{hstset}{Hst}
          1343 \cmdmthsetext{Hst}[\hstset][\hstsym]
          1344 \cmdmthset{PHst}[\hstset_{\PlrSym}]
          1345 \cmdmthsymelm{phst}[\hstsym_{\PlrSym}]
          1346 \cmdmthset{OHst}[\hstset_{\OppSym}]
          1347 \cmdmthsymelm{ohst}[\hstsym_{\OppSym}]
          1348 \usrmth{play}{}{argfun}
```

```
\PlaySet ...
\verb|\playFun $_{1349} \le \text{\playsym}}{\pi}
        1350 \verb|\newcommand{\playset}{Play}
        1351 \cmdmthsetext{Play}[\playset][\playsym]
        1352 \mbox{ }\mbox{\mbox{usrmth}{hst}{{\mbox{argfun}}}
\StrSet ...
    · · · 1353 \newcommand{\strsym}{\sigma}
        1354 \newcommand{\strset}{Str}
        1355 \cmdmthsetext{Str}[\strset][\strsym]
        1356 \verb|\cmdmthset{PStr}[\strset_{\prop}]
        1357 \cmdmthsymelm{pstr}[\strsym_{\PlrSym}]
        1358 \cmdmthset{OStr}[\strset_{\OppSym}]
        1359 \cmdmthsymelm{ostr}[\strsym_{\colored}]
 \PrfSet ...
 \prfFun _{1360} \rightarrow \{\xi\}
        1361 \newcommand{\prfset}{Prf}
        1362 \cmdmthsetext{Prf}[\prfset][\prfsym]
   \ent ...
   \esc 1363 \usrmth{ent}{}{oargfun}
        1364 \usrmth{esc}{}{oargfun}
   \int ...
   \out _{1365} \usrmth{int}{}{oargfun}
        \atr ...
   \rch _{1367} \usrmth{atr}{}{oargfun}
        1368 \usrmth{rch}{}{oargfun}
   \lift ...
        1369 \usrmth{lift}{}{oargfun}
   \sol ...
        1370 \usrmth{sol}{}{oargfun}
        \BG ...
    · · · 1372 %% Buchi Games
        1373 \cmdtxtoparname{BG}
        1374
        1375 %% Co-Buchi Games
        1376 \cmdtxtoparname{CG}
        1378 %% Parity Games
        1379 \cmdtxtoparname{PG}
        1381 %% Rabin Games
        1382 \cmdtxtoparname{RG}
        1384 %% Streett Games
        1385 \cmdtxtoparname{SG}
        1386
        1387 %% Muller Games
        1388 \cmdtxtoparname{MG}
```

```
\EvnSym ...
\verb| OddSym |_{1390 } \verb| newcommand{| evnsym}{0}|
     1391 \cmdmthsym{Evn}[\evnsym]
     1392 \newcommand{\oddsym}{1}
     1393 \cmdmthsym{Odd}[\oddsym]
\PrtSet ...
\label{lem:linear_sym} $$ \prod_{1394 \neq 0} \sum_{1394 \neq 0} {\rm prtsym}_{p} $$
     1395 \newcommand{\prtset}{Pr}
     1396 \cmdmthsetext{Prt}[\prtset][\prtsym]
     1397 \cmdmthfun{prt}[pr]
     \EG ...
  · · · 1400 %% Energy Games
     1401 \cmdtxtoparname{EG}
     1402
     1403 %% Mean-Payoff Games
     1404 \cmdtxtoparname{MPG}
     1406 %% Discounted-Payoff Games
     1407 \cmdtxtoparname{DPG}
     \MaxSym ...
\verb|\MinSym|_{1409} \verb|\newcommand{\maxsym}{\cline{Conditions}} 
     1410 \cmdmthsym{Max}[\maxsym]
     1411 \newcommand{\minsym}{\boxminus}
     1412 \cmdmthsym{Min}[\minsym]
\WghSet ...
1414 \newcommand{\wghset}{Wg}
     1415 \cmdmthsetext{Wgh} [\wghset] [\wghsym]
     1416 \cmdmthfun{wgh} [wg]
     1418 \fi
     1423 \iflog@
     \BF ...
  \QBF _{1425}\,% Boolean Formulae
  \cdots 1426 \cmdtxtoparname{BF}
     1428 % Quantified Boolean Formulae
     1429 \DeclareRobustCommand{\QBF}
     1430 \quad \{\{\text{txtname}\{Q\}\}\}\}
     1431 \DeclareRobustCommand{\EBF}
     1432 {\ensuremath{\exists}\BF}
     1433 \DeclareRobustCommand{\UBF}
     1434 {\ensuremath{\forall}\BF}
```

```
\LogSig ...
          · · · 1436 \newcommand{\logsig}{L}
                    1437 \usrmthlatupp{Log}{Sig}{sig}[\logsig]
          \Tt ...
          \Ff _{1438} \neq \{\text{ttsym}} 
                    1439 \operatorname{Tt}{sym}[\operatorname{ttsym}]
                    1440 \mbox{ } \mbox
                    1441 \usrmth{Ff}{}{sym}[\ffsym]
     \LNeg ...
     \label{lossym} $$ \LNot_{1442 \neq newcommand{\negsym}_{neg}} $$
                    1443 \usrmth{LNeg}{}{luop}[\lnegsym]
                    1444 \newcommand{\lnotsym}{\sim}
                    1445 \usrmth{LNot}{}{luop}[\lnotsym]
     \LCon ...
     \LDis _{1446} \ensuremath{\lossym}{{\land}}
                    1447 \usrmth{LCon}{}{lbop}[\lconsym]
                    1448 \newcommand{\ldissym}{\lor}
                    1449 \usrmth{LDis}{}{lbop}[\ldissym]
     \LImp ...
     \LCoi _{1450} \rightarrow _{1450} \rightarrow _{1450} \rightarrow _{1450}
                    1451 \usrmth{LImp}{}{lbop}[\limpsym]
                    1452 \verb|\newcommand{\lcoisym}{\leftrightarrow}|
                    1453 \mbox{\coisym} [\coisym]
     \LExs ...
     \LAll _{1454} \ensuremath{\lexssym}{\ensuremath{\lexssym}}{\local}
                    1455 \usrmth{LExs}{}{luop}[\lexssym]
                    1456 \mbox{ } {\mbox{newcommand{\lallsym}{\forall}}
                    1457 \usrmth{LAll}{}{luop}[\lallsym]
   \APSet ...
          \cdots 1458 \newcommand{\apsym}{p}
                    1459 \verb|\newcommand{\apset}{AP}|
                    1460 \verb|\cmdmthsetext{AP}| [\texttt{\apsym}]
                    1461 \mbox{ }\mbox{argfun}
        \sub ...
                    1462 \mbox{ } {sub}{}{argfun}
        \Cnt ...
        \Sym 1464 \setminus \{Qnt}{\}sym}[Q]
                    1465 \usrmth{Sym}{}{sym}[\odot]
        \QAE ...
        \label{eq:QEA} $$ \QEA _{1466} \left(QAE\right)_{sym}[\frac{1}{sym}] $$ in $\mathbb{Z}_{n}^{2}$. $$
                    1467 \usrmth{QEA}{}{sym}[\exists\forall]
\QntSet ...
          · · · 1468 \newcommand{\qntsym}{\wp}
                    1469 \mbox{ } \mbox{qntset}{Qn}
                    1470 \cmdmthsetext{Qnt}[\qntset][\qntsym]
     \free ...
   \bound _{1471} \usrmth{free}{}{argfun}
```

1472 \usrmth{bound}{}{argfun}

```
\dep ...
   \alt _{1473} \ \text{usrmth} \{ dep \} \{ \} \{ argfun \}
       1474 \usrmth{alt}{}{argfun}
  \cnf ...
   \dnf _{1475} \cmdtxtabr{cnf}
    ... 1476 \cmdtxtabr{dnf}
       1477 \cmdtxtabr{pnf}
       1478 \cmdtxtabr{nnf}
       \LogStr ...
   · · · 1480 \newcommand{\logstr}{L}
       1481 \usrmthlatupp{Log}{Str}{str}[\logstr]
\ValSet ...
    · · · 1482 \newcommand{\valsym}{\xi}
        1483 \newcommand{\valset}{Val}
       1484 \cmdmthsetext{Val}[\valset][\valsym]
\AsgSet ...
    \cdots 1485 \verb|\newcommand{\asgsym}{\chi}|
       1486 \verb|\newcommand{\asgset}{Asg}|
       1487 \cmdmthsetext{Asg}[\asgset][\asgsym]
       \FOL ...
    · · · 1489 % First-Order Logic
       1490 \cmdtxtoparname{FOL} [Fol]
       1491 \cmdtxtoparname{F0}[F0]
       1492
       1493 % Monadic First-Order Logic
       1494 \DeclareRobustCommand{\MFOL}
       1495 \{\{\text{txtname}\{M\}\}\}\
       1496 \DeclareRobustCommand{\MFO}
       1497 \quad \{\{\texttt{Xtname}\{\texttt{M}\}\} \}
       \VarSig ...
    · · · 1499 \newcommand{\varsig}{V}
       1500 \usrmthlatupp{Var}{Sig}{sig}[\varsig]
       1501 \newcommand{\varsym}{x}
       1502 \newcommand{\varset}{Vr}
       1503 \cmdmthsetext{Var}[\varset][\varsym]
       1504 \usrmth{var}{}{argfun}[vr]
       1505 \usrmth{dim}{}{argfun}[dm]
\ConSig ...
    ··· 1506 \newcommand{\consig}{C}
       1507 \usrmthlatupp{Con}{Sig}{sig}[\consig]
       1508 \mbox{ \newcommand{\consym}{c}}
       1509 \newcommand{\conset}{Cn}
       1510 \cmdmthsetext{Con}[\conset][\consym]
       1511 \usrmth{con}{}{argfun}[cn]
\FunSig ...
    \cdots 1512 \newcommand{\funsig}{F}
       1513 \usrmthlatupp{Fun}{Sig}{sig}[\funsig]
       1514 \mbox{ } \mbox{newcommand{\hrunsym}{f}}
       1515 \mbox{ } \mbox{newcommand{\funset}{Fn}}
       1516 \cmdmthsetext{Fun}[\funset][\funsym]
       1517 \usrmth{fun}{}{argfun}[fn]
        1518 \usrmth{art}{}{argfun}[ar]
```

```
\TerSig ...
          ··· 1519 \newcommand{\tersig}{T}
                     1520 \verb|\usrmth|| 1520
                     1521 \neq 1521 
                     1522 \mbox{ \newcommand{\terset}{Tr}}
                     1523 \cmdmthsetext{Ter}[\terset][\tersym]
                     1524 \usrmth{ter}{}{argfun}
\RelSig ...
          · · · 1525 \newcommand{\relsig}{R}
                     1526 \usrmthlatupp{Rel}{Sig}{sig}[\relsig]
                     1527 \newcommand{\relsym}{r}
                     1528 \newcommand{\relset}{Rl}
                     1529 \cmdmthsetext{Rel}[\relset][\relsym]
                     1530 \usrmth{rel}{}{argfun}[rl]
        \skm ...
                     1531 \usrmth{skm}{}{argfun}
                     \ConStr ...
           · · · 1533 \newcommand{\constr}{C}
                     1534 \usrmthlatupp{Con}{Str}{str}[\constr]
\FunStr ...
           \cdots 1535 \newcommand{\funstr}{F}
                     1536 \usrmthlatupp{Fun}{Str}{str}[\funstr]
\TerStr ...
          ··· 1537 \newcommand{\terstr}{T}
                     1538 \usrmthlatupp{Ter}{Str}{str}[\terstr]
\RelStr ...
          · · · 1539 \newcommand{\relstr}{R}
                     1540 \usrmthlatupp{Rel}{Str}{str}[\relstr]
                     \DF ...
          \IF 1542 % Dependence-Friendly Logic
           ... 1543 \cmdtxtoparname{DF}
                     1545 % Independence-Friendly Logic
                     1546 \cmdtxtoparname{IF}
                     1548 % Dependence/Independence-Friendly Logic
                     1549 \cmdtxtoparname{DIF}
                     1550
                     1551 % Dependence Logic
                     1552 \cmdtxtoparname{DL}
                     1553
                     1554 % Team Logic
                     1555 \cmdtxtoparname{TL}
                     1557 % Alternating Dependence-Friendly Logic
                     1558 \cmdtxtoparname{ADF}
                     1560 % Alternating Independence-Friendly Logic
                     1561 \cmdtxtoparname{AIF}
                     1562
                     1563 % Alternating Dependence/Independence-Friendly Logic
                     1564 \cmdtxtoparname{ADIF}
```

```
\LEExs ...
 \LAAll _{1566} \newcommand{\leexssym}{\Sigma}
       1567 \usrmth{LEExs}{}{luop}[\leexssym]
       1568 \newcommand{\laallsym}{\Pi}
       1569 \usrmth{LAAll}{}{luop}[\laallsym]
       \SOL ...
    · · · 1572 % Second-Order Logic
       1573 \cmdtxtoparname{SOL}[Sol]
       1574 \cmdtxtoparname{SO}
       1575
       1576 % Weak Second-Order Logic
       1577 \DeclareRobustCommand{\WSOL}
           {\{\text{txtname}\{W\}}\SOL\}
       1579 \DeclareRobustCommand{\WSO}
           {\{\text{xtname}\{W\}}\S0\}
       1580
       1581
       1582 % coWeak Second-Order Logic
       1583 \DeclareRobustCommand{\coWSOL}
       1584 {{\txtname{coW}}\SOL}
       1585 \DeclareRobustCommand{\coWSO}
           {{\txtname{coW}}\SO}
       1587
       1588 % Monadic Second-Order Logic
       1589 \DeclareRobustCommand{\MSOL}
           {\{\text{txtname}\{M\}\}\SOL\}}
       1591 \DeclareRobustCommand{\MSO}
       1592 \quad \{\{\texttt{\txtname}\{\texttt{M}\}\} \setminus \texttt{SO}\}
       1593
       1594 % Weak Monadic Second-Order Logic
       1595 \DeclareRobustCommand{\WMSOL}
           {{\txtname{W}}\MSOL}
       1597 \DeclareRobustCommand{\WMSO}
           {{\txtname{W}}\MSO}
       1600 % coWeak Monadic Second-Order Logic
       1601 \DeclareRobustCommand{\coWMSOL}
       1602 \{\{\text{txtname}\{\text{coW}\}\}\}
       1603 \DeclareRobustCommand{\coWMSO}
       1604 \quad \{\{\texttt{\txtname}\{\texttt{coW}\}\} \texttt{\MSO}\}
       \FVarSet ...
    · · · 1606 \newcommand{\fvarsym}{x}
       1607 \newcommand{\fvarset}{FVr}
       1608 \cmdmthsetext{FVar}[\fvarset][\fvarsym]
\SVarSet ...
    · · · 1609 \newcommand{\svarsym}{X}
       1610 \newcommand{\svarset}{SVr}
       1611 \cmdmthsetext{SVar}[\svarset][\svarsym]
```

```
\TL ...
\CL _{1614}\,\% Tree Logic
\label{eq:pl_1615} $$ \PL $$ 1615 \cmdtxtoparname{TL}$
... 1616
    1617 % Weak Tree Logic
    1618 \verb|\DeclareRobustCommand{\WTL}|
          {\{\text{txtname}\{W\}}\}\
    1620
    1621 % coWeak Tree Logic
    1622 \DeclareRobustCommand{\coWTL}
          {\{\text{txtname}\{\text{coW}\}\}\}}
    1625\;\text{\%} Monadic Tree Logic
    1626 \DeclareRobustCommand{\MTL}
    1627 \{\{\text{txtname}\{M\}\}\}\
    1629 % Weak Monadic Tree Logic
    1630 \DeclareRobustCommand{\WMTL}
    1631 \{\{\text{txtname}\{W\}\}\}\}
    1633 % coWeak Monadic Tree Logic
    1634 \verb|\DeclareRobustCommand{\coWMTL}|
          {{\txtname{coW}}\MTL}
    1637 % Chain Logic
    1638 \verb|\cmdtxtoparname{CL}|
    1639
    1640\,\% Weak Chain Logic
    1641 \verb|\DeclareRobustCommand{\WCL}|
          {\{\text{Xtname}(W)\}\CL}
    1642
    1643
    1644 % coWeak Chain Logic
    1645 \DeclareRobustCommand{\coWCL}
    1646
          {{\txtname{coW}}\CL}
    1647
    1648\ \% Monadic Chain Logic
    1649 \DeclareRobustCommand{\MCL}
    1650
          {\{\text{Xtname}\{M\}}\CL\}
    1651
    1652 % Weak Monadic Chain Logic
    1653 \DeclareRobustCommand{\WMCL}
           {\{\text{Xtname}\{W\}}\MCL\}
    1656 \% coWeak Monadic Chain Logic
    1657 \DeclareRobustCommand{\coWMCL}
          {{\txtname{coW}}\MCL}
    1658
    1659
    1660 % Path Logic
    1661 \cmdtxtoparname{PL}
    1663 % Weak Path Logic
    1664 \DeclareRobustCommand{\WPL}
           {\{\text{txtname}\{W\}}\PL\}
    1667 % coWeak Path Logic
    1668 \DeclareRobustCommand{\coWPL}
    1669
          {\{\text{coW}}\
    1670
    1671 % Monadic Path Logic
    1672 \DeclareRobustCommand{\MPL}
    1673
           {{\txtname{M}}\PL}
    1675 % Weak Monadic Path Logic
```

```
1676 \DeclareRobustCommand{\WMPL}
      1677
          {\{\text{txtname}\{W\}}\MPL\}
      1678
      1679 % coWeak Monadic Path Logic
      1680 \DeclareRobustCommand{\coWMPL}
      1681 \{\{\text{txtname}\{\text{coW}\}\}\}
      \ML ...
  \GML _{1685} % Modal Logic
   ... 1686 \cmdtxtoparname{ML}
      1688 % Graded Modal Logic
      1689 \DeclareRobustCommand{\GML}
      1690 \quad \{\{\text{txtname}\{G\}\}\}\}
      1692 % Quantified Modal Logic
      1693 \DeclareRobustCommand{\QML}
      1694 \quad \{\{\text{txtname}\{Q\}\}\}\}
      1695 \DeclareRobustCommand{\EML}
      1696 {\ensuremath{\exists}\ML}
      1697 \DeclareRobustCommand{\UML}
          {\ensuremath{\forall}\ML}
      \Opr ...
      1700 \usrmth{Opr}{}{sym}[Op]
 \DMod ...
 \BMod 1701 \usrmth{DMod}{}{sym}[\Diamond]
      1702 \usrmth{BMod}{}{sym}[\Box]
  \Exs ...
  \All 1703 \DeclareRobustCommand{\Exs}
      1704 {\ifstarvar{\@sexs}{\@exs}}
      1705 \DeclareRobustCommand{\@sexs}[1]
      1706 {\mth{\DMod}[#1]}
      1707 \DeclareRobustCommand{\@exs}[1]
      1709 \DeclareRobustCommand{\All}
      1710 {\ifstarvar{\@sall}{\@all}}
      1711 \DeclareRobustCommand{\@sall}[1]
      1712 {\mth{\BMod}[#1]}
      1713 \DeclareRobustCommand{\@all}[1]
          {\mth{\defval{\argmid{\left[}{#1}{\right]}}{\BMod}}}
      \KrpStr ...
   ··· 1716 \newcommand{\krpstr}{K}
      1717 \usrmthlatupp{Krp}{Str}{str}[\krpstr]
\WrlSet ...
   · · · 1718 \newcommand{\wrlsym}{w}
      1719 \newcommand{\wrlset}{W}
      1720 \cmdmthsetext{Wrl}[\wrlset][\wrlsym]
      1721 \cmdmthsymelm{iwrl}[\wrlsym_{I}]
```

```
\AccRel ...
\label{locality} $$ \operatorname{TrnRel}_{1722} \rightarrow {\mathbb{R}} $
       1723 \cmdmthrel{Acc}[\accsym]
      1724 \cmdmthrel{Trn}[\accsym]
\labFun ...
      1725 \mbox{ \newcommand{\labsym}{\labsym}{\labsym}}
      1726 \cmdmthfun{lab}[\labsym]
\PthSet ...
   \cdots 1727 \providecommand{\pthsym}{\pi}
       1728 \providecommand{\phithset}{Pth}
       1729 \cmdmthsetext{Pth} [\pthset] [\pthsym]
       1730 \usrmth{path}{}{argfun}
       \MC ...
  \GMC _{1732} % Mu Calculus
   · · · 1733 \cmdtxtoparname{MC}[\ensuremath{\mu}-Calculus]
       1735 % Graded Mu Calculus
       1736 \DeclareRobustCommand{\GMC}
      1737
           {{\txtname{G}}\MC}
      1738
      1739 % Quantified Mu Calculus
       1740 \DeclareRobustCommand{\QMC}
           {\{\text{txtname}\{Q\}\}\setminus MC\}}
       1742 \DeclareRobustCommand{\EMC}
           {\ensuremath{\exists}\MC}
       1744 \DeclareRobustCommand{\UMC}
           {\ensuremath{\forall}\MC}
       1746
      1747 % Alternation-Free Mu Calculus
      1748 \DeclareRobustCommand{\AFMC}
           {{\txtname{AF}}\MC}
      1749
      1750
      1751 % Alternation-Free Graded Mu Calculus
      1752 \DeclareRobustCommand{\AFGMC}
           {{\txtname{AF}}\GMC}
      1754
      1755 % Quantified Alternation-Free Mu Calculus
      1756 \DeclareRobustCommand{\QAFMC}
      1757 \{\{\text{NTMC}\}\}
      1758 \DeclareRobustCommand{\EAFMC}
      1759 {\ensuremath{\exists}\AFMC}
       1760 \DeclareRobustCommand{\UAFMC}
       1761 {\ensuremath{\forall}\AFMC}
       1762
       \PTL ...
  \LTL _{1766} % Propositional Temporal Logic
   · · · 1767 \cmdtxtoparname{PTL}
      1768
       1769 % Quantified Propositional Temporal Logic
       1770 \DeclareRobustCommand{\QPTL}
```

```
{\{\text{txtname}\{Q\}}\
    1772 \DeclareRobustCommand{\EPTL}
    1773 {\ensuremath{\exists}\PTL}
    1774 \DeclareRobustCommand{\UPTL}
         {\ensuremath{\forall}\PTL}
    1775
    1777 % Linear Temporal Logic
    1778 \cmdtxtoparname{LTL}
    1780 % Quantified Linear Temporal Logic
    1781 \DeclareRobustCommand{\QLTL}
         {\{\text{txtname}\{Q\}\}\setminus LTL\}}
    1783 \DeclareRobustCommand{\ELTL}
         {\ensuremath{\exists}\LTL}
    1785 \DeclareRobustCommand{\ULTL}
        {\ensuremath{\forall}\LTL}
    \X ...
 ··· 1788 \usrmth{X}{}{sym}[X\,]
    1789 \verb|\usrmth{F}{} sym}[F\,]
    1790 \usrmth{G}{}{sym}[G\,]
    1791 \usrmth{U}{}{sym}[\,U\,]
    1792 \usrmth{R}{}{sym}[\,R\,]
 \Y ...
 ··· 1793 \usrmth{Y}{}{sym}[G\,]
    1794 \t {P}{}{sym}[P\,] \t SavePilcrow\P
    1795 \usrmth{H}{sym}[H\,]\left(\usrmth{H}\)
    1796 \usrmth{S}{}{sym}[\,S\,]\let\SaveSectionSymbol\S
    1797 \usrmth{B}{}{sym}[\,B\,]
    \PDL ...
\CTL 1800 % Propositional Dynamic Logic
 · · · 1801 \cmdtxtoparname{PDL}
    1802
    1803 % Computation Tree Logic
    1804 \cmdtxtoparname{CTL}
    1806 % Weak Computation Tree Logic
    1807 \DeclareRobustCommand{\WCTL}
    1808
         {{\txtname{W}}\CTL}
    1810 % Quantified Computation Tree Logic
    1811 \DeclareRobustCommand{\QCTL}
         {\{\text{txtname}\{Q\}\}\CTL}
    1813 \DeclareRobustCommand{\ECTL}
         {\ensuremath{\exists}\CTL}
    1815 \DeclareRobustCommand{\UCTL}
        {\ensuremath{\forall}\CTL}
    1816
    1818 % Improved Computation Tree Logic
    1819 \cmdtxtoparname{CTLP}[CTL$^{+}$]
    1820
    1821 % Weak Improved Computation Tree Logic
    1822 \DeclareRobustCommand{\WCTLP}
    1823 \{\{\text{txtname}\{W\}\}\CTLP\}
    1824
```

```
1825 % Quantified Improved Computation Tree Logic
    1826 \DeclareRobustCommand{\QCTLP}
    1827
         {{\txtname{Q}}\CTLP}
    1828 \verb|\DeclareRobustCommand{\ECTLP}|
         {\ensuremath{\exists}\CTLP}
    1830 \DeclareRobustCommand{\UCTLP}
         {\ensuremath{\forall}\CTLP}
    1831
    1833 % Full Computation Tree Logic
    1834 \cmdtxtoparname{CTLS}[CTL*]
    1836 % Weak Full Computation Tree Logic
    1837 \DeclareRobustCommand{\WCTLS}
         {{\txtname{W}}\CTLS}
    1838
    1839
    1840 % Quantified Full Computation Tree Logic
    1841 \DeclareRobustCommand{\QCTLS}
         {{\txtname{Q}}\CTLS}
    1843 \DeclareRobustCommand{\ECTLS}
         {\ensuremath{\exists}\CTLS}
    1845 \DeclareRobustCommand{\UCTLS}
         {\ensuremath{\forall}\CTLS}
    \E ...
 \A _{1848} \sym1848
    1849 \usrmth{A}{}{sym}
    \ATL ...
 \cdots 1852 % Alternating Temporal Logic
    1853 \cmdtxtoparname{ATL}
    1854
    1855 % Weak Alternating Tree Logic
    1856 \DeclareRobustCommand{\WATL}
         {{\txtname{W}}\ATL}
    1859 % Quantified Alternating Temporal Logic
    1860 \DeclareRobustCommand{\QATL}
        \{\{\text{txtname}\{Q\}\}\setminus ATL\}
    1862 \DeclareRobustCommand{\EATL}
        {\ensuremath{\exists}\ATL}
    1864 \DeclareRobustCommand{\UATL}
         {\ensuremath{\forall}\ATL}
    1867 % Improved Alternating Temporal Logic
    1868 \cmdtxtoparname{ATLP}[ATL$^{+}$]
    1870 % Weak Improved Alternating Tree Logic
    1871 \DeclareRobustCommand{\WATLP}
    1872
         {{\txtname{W}}\ATLP}
    1873
    1874 % Quantified Improved Alternating Temporal Logic
    1875 \DeclareRobustCommand{\QATLP}
         {{\txtname{Q}}\ATLP}
    1877 \DeclareRobustCommand{\EATLP}
         {\ensuremath{\exists}\ATLP}
    1879 \DeclareRobustCommand{\UATLP}
         {\ensuremath{\forall}\ATLP}
    1881
```

```
1882 % Full Alternating Temporal Logic
                 1883 \cmdtxtoparname{ATLS}[ATL*]
                 1884
                 1885 % Weak Full Alternating Tree Logic
                 1886 \DeclareRobustCommand{\WATLS}
                             {\{\text{Xtname}\{W\}\}\setminus ATLS\}}
                1887
                 1888
                 1889 % Quantified Full Alternating Temporal Logic
                 1890 \DeclareRobustCommand{\QATLS}
                            {{\txtname{Q}}\ATLS}
                 1892 \DeclareRobustCommand{\EATLS}
                           {\ensuremath{\exists}\ATLS}
                 1894 \DeclareRobustCommand{\UATLS}
                 1895 {\ensuremath{\forall}\ATLS}
                 \EExs ...
    \verb|\AAll |_{1897} \verb|\DeclareRobustCommand{\EExs}[1]
                             {\mth{\argmid{\argle}!}} {\mth{\argle}!} {\m
                 1899 \DeclareRobustCommand{\AAll}[1]
                            {\mth{\argmid{\left[\left[}{\defval{#1}{\emptyset}}{\right]\right]}}}
                 \CGS ...
                 1902 \cmdtxtname{CGS}
\CGSStr ...
        · · · 1903 \newcommand{\cgsstr}{G}
                 1904 \usrmthlatupp{CGS}{Str}{str}[\cgsstr]
\AgnSet ...
        · · · 1905 \newcommand{\agnsym}{a}
                 1906 \newcommand{\agnset}{Ag}
                 1907 \cmdmthsetext{Agn} [\agnset] [\agnsym]
\ActSet ...
         \cdots \ 1908 \verb|\newcommand{\actsym}{c}
                 1909 \newcommand{\actset}{Ac}
                 1910 \verb|\cmdmthsetext{Act}| [\verb|\actset|] [\actsym]|
\PosSet ...
          \cdots 1911 \texttt{\providecommand{\possym}{v}} \\
                 1912 \providecommand{\posset}{Ps}
                 1913 \cmdmthsetext{Pos}[\posset][\possym]
                 1914 \cmdmthsymelm{ipos}[\possym_{I}]
                 1915 \cmdmthsymelm{fpos}[\possym_{F}]
                 1916 \cmdmthset{PPos}[\posset_{\PlrSym}]
                 1917 \cmdmthsymelm{ppos}[\possym_{\PlrSym}]
                 1918 \cmdmthset{OPos} [\posset_{\OppSym}]
                 1919 \cmdmthsymelm{opos}[\possym_{\OppSym}]
\SttSet ...
         ··· 1920 \newcommand{\sttsym}{s}
                 1921 \newcommand{\sttset}{St}
                 1922 \cmdmthsetext{Stt}[\sttset][\sttsym]
                 1923 \cmdmthset{IStt}[\sttset_{I}]
                 1924 \cmdmthsymelm{istt}[\sttsym_{I}]
                 1925 \cmdmthset{FStt}[\sttset_{F}]
                 1926 \cmdmthsymelm{fstt}[\sttsym_{F}]
```

```
\DecSet ...
     \cdots 1927 \newcommand{\decsym}{d}
         1928 \mbox{ \newcommand{\decset}{Dc}}
         1929 \cmdmthsetext{Dec}[\decset][\decsym]
 \movFun ...
 \label{lower_section} $$\max_{1930 \in \mathbb{R}^{\times}} {\mathbb R}^{0} \
         1931 \cmdmthfun{mov} [\movsym]
         1932 \cmdmthrel{mov}[\movsym]
 \trnFun ...
 \label{local_trnsym} $$ \underset{1933 \neq 0}{\text{hewcommand}} {\trnsym}_{\delta} $$
         1934 \cmdmthfun{trn}[\trnsym]
         1935 \cmdmthrel{trn}[\trnsym]
 \PrfSet ...
         1936 \providecommand{\prfsym}{\xi}
         1937 \providecommand{\prfset}{Prf}
         1938 \cmdmthsetext{Prf}[\prfset][\prfsym]
 \HstSet ...
     · · · 1939 \providecommand{\hstsym}{\varpi}
         1940 \providecommand{\hstset}{Hst}
         1941 \cmdmthsetext{Hst}[\hstset][\hstsym]
         1942 \cmdmthset{PHst}[\hstset_{\PlrSym}]
         1943 \cmdmthsymelm{phst}[\hstsym_{\PlrSym}]
         1944 \cmdmthset{OHst}[\hstset_{\OppSym}]
         1945 \cmdmthsymelm{ohst}[\hstsym_{\OppSym}]
         1946 \verb|\usrmth{hst}{{}} \{argfun\}
\PlaySet ...
     ··· 1947 \providecommand{\playsym}{\pi}
         1948 \providecommand{\playset}{Play}
         1949 \cmdmthsetext{Play}[\playset][\playsym]
         1950 \usrmth{play}{}{argfun}
 \PlnSet ...
     · · · 1951 \providecommand{\plnsym}{\rho}
         1952 \providecommand{\pluset}{Pln}
         1953 \cmdmthsetext{Pln}[\plnset][\plnsym]
         1954 \cmdmthset{PPln}[\plnset_{\PlrSym}]
         1955 \cmdmthsymelm{pPln}[\plnsym_{\PlrSym}]
         1956 \cmdmthset{OPln}[\plnset_{\OppSym}]
         1957 \verb|\cmdmthsymelm{oPln}[\plnsym_{\colored}]
 \StrSet ...
     · · · 1958 \providecommand{\strsym}{\sigma}
         1959 \providecommand{\strset}{Str}
         1960 \cmdmthsetext{Str}[\strset][\strsym]
         1961 \cmdmthset{PStr}[\strset_{\PlrSym}]
         1962 \mbox{ \cmdmthsymelm{pstr} [\strsym_{\PlrSym}]}
         1963 \cmdmthset{OStr}[\strset_{\OppSym}]
         1964 \cmdmthsymelm{ostr}[\strsym_{\OppSym}]
         \PL ...
     · · · 1966 % Plan Logic
         1967 \cmdtxtoparname{PL}
         1969 \DeclareRobustCommand{\EPL}
         1970 {\ensuremath{\exists}\PL}
         1971 \DeclareRobustCommand{\UPL}
```

```
1972
      {\ensuremath{\forall}\PL}
1973
1974 \DeclareRobustCommand{\FPL}
1975
      {\{\text{txtname}\{F\}}\PL\}
1976
1977 \DeclareRobustCommand{\EFPL}
     {\ensuremath{\exists}\FPL}
1979 \DeclareRobustCommand{\UFPL}
      {\ensuremath{\forall}\FPL}
1982 % One-Goal Plan Logic
1983 \DeclareRobustCommandx{\OGPL}[3][1=, 2=, 3=]
      {\PL[#1][#2][1g\arglef{,}{#3}]}
1985
1986 \DeclareRobustCommand{\EOGPL}
1987
      {\ensuremath{\exists}\OGPL}
1988 \DeclareRobustCommand{\UOGPL}
      {\ensuremath{\forall}\OGPL}
1989
1990
1991 \DeclareRobustCommand{\FOGPL}
      {{\txtname{F}}\OGPL}
1994 \DeclareRobustCommand{\EFOGPL}
      {\ensuremath{\exists}\FOGPL}
1996 \DeclareRobustCommand{\UFOGPL}
      {\ensuremath{\forall}\FOGPL}
1997
1998
1999 % Conjunctive-Goal Plan Logic
2000 \DeclareRobustCommandx{\CGPL}[3][1=, 2=, 3=]
      {\PL[#1][#2][cg\arglef{,}{#3}]}
2002
2003 \DeclareRobustCommand{\ECGPL}
      {\ensuremath{\exists}\CGPL}
2005 \DeclareRobustCommand{\UCGPL}
      {\ensuremath{\forall}\CGPL}
2006
2007
2008 \DeclareRobustCommand{\FCGPL}
      {{\txtname{F}}\CGPL}
2009
2010
2011 \DeclareRobustCommand{\EFCGPL}
     {\ensuremath{\exists}\FCGPL}
2013 \DeclareRobustCommand{\UFCGPL}
2014
      {\ensuremath{\forall}\FCGPL}
2016 % Disjunctive-Goal Plan Logic
2017 \DeclareRobustCommandx{\DGPL}[3][1=, 2=, 3=]
2018
      {\PL[#1][#2][dg\arglef{,}{#3}]}
2019
2020 \DeclareRobustCommand{\EDGPL}
      {\ensuremath{\exists}\DGPL}
2022 \DeclareRobustCommand{\UDGPL}
      {\ensuremath{\forall}\DGPL}
2025 \DeclareRobustCommand{\FDGPL}
2026
      {\{\text{txtname}\{F\}\}\setminus DGPL\}}
2027
2028 \DeclareRobustCommand{\EFDGPL}
      {\ensuremath{\exists}\FDGPL}
2030 \DeclareRobustCommand{\UFDGPL}
2031
      {\ensuremath{\forall}\FDGPL}
2033 % Alternating-Goal Plan Logic
2034 \DeclareRobustCommandx{\AGPL}[3][1=, 2=, 3=]
```

```
2035
      {\PL[#1][#2][ag\arglef{,}{#3}]}
2036
2037 \DeclareRobustCommand{\EAGPL}
2038
     {\ensuremath{\exists}\AGPL}
2039 \DeclareRobustCommand{\UAGPL}
      {\ensuremath{\forall}\AGPL}
2040
2041
2042 \DeclareRobustCommand{\FAGPL}
     {\{\text{txtname}\{F\}\}\setminus AGPL\}}
2045 \DeclareRobustCommand{\EFAGPL}
      {\ensuremath{\exists}\FAGPL}
2047 \DeclareRobustCommand{\UFAGPL}
      {\ensuremath{\forall}\FAGPL}
2048
2049
2050 % Extended-Goal Plan Logic
2051 \DeclareRobustCommandx{\EGPL}[3][1=, 2=, 3=]
      {\PL[#1][#2][eg\arglef{,}{#3}]}
2053
2054 \DeclareRobustCommand{\EEGPL}
      {\ensuremath{\exists}\EGPL}
2056 \DeclareRobustCommand{\UEGPL}
2057
      {\ensuremath{\forall}\EGPL}
2058
2059 \DeclareRobustCommand{\FEGPL}
      {\{\text{txtname}\{F\}\}\setminus EGPL\}}
2060
2061
2062 \DeclareRobustCommand{\EFEGPL}
      {\ensuremath{\exists}\FEGPL}
2064 \DeclareRobustCommand{\UFEGPL}
      {\ensuremath{\forall}\FEGPL}
2065
2067 % Boolean-Goal Plan Logic
2068 \DeclareRobustCommandx{\BGPL}[3][1=, 2=, 3=]
      {\PL[#1][#2][bg\arglef{,}{#3}]}
2069
2070
2071 \DeclareRobustCommand{\EBGPL}
      {\ensuremath{\exists}\BGPL}
2073 \DeclareRobustCommand{\UBGPL}
      {\ensuremath{\forall}\BGPL}
2076 \DeclareRobustCommand{\FBGPL}
2077
      {{\txtname{F}}\BGPL}
2078
2079 \DeclareRobustCommand{\EFBGPL}
     {\ensuremath{\exists}\FBGPL}
2081 \DeclareRobustCommand{\UFBGPL}
     {\ensuremath{\forall}\FBGPL}
2082
2084 % Undefined-Goal Plan Logic
2085 \DeclareRobustCommandx{\XGPL}[3][1=, 2=, 3=]
      {\PL[#1][#2][xg\arglef{,}{#3}]}
2087
2088 \DeclareRobustCommand{\EXGPL}
      {\ensuremath{\exists}\XGPL}
2090 \DeclareRobustCommand{\UXGPL}
2091
      {\ensuremath{\forall}\XGPL}
2092
2093 \DeclareRobustCommand{\FXGPL}
      {{\txtname{F}}\XGPL}
2094
2095
2096 \DeclareRobustCommand{\EFXGPL}
      {\ensuremath{\exists}\FXGPL}
```

```
2098 \DeclareRobustCommand{\UFXGPL}
    2099
         {\ensuremath{\forall}\FXGPL}
\SL ...
\cdots 2100 % Strategy Logic
    2101 \cmdtxtoparname{SL}
    2103 \DeclareRobustCommand{\ESL}
         {\ensuremath{\exists}\SL}
    2105 \DeclareRobustCommand{\USL}
         {\ensuremath{\forall}\SL}
    2107
    2108 \DeclareRobustCommand{\FSL}
         {\{\text{txtname}\{F\}\}\SL\}}
    2109
    2110
    2111 \DeclareRobustCommand{\EFSL}
         {\ensuremath{\exists}\FSL}
    2113 \DeclareRobustCommand{\UFSL}
         {\ensuremath{\forall}\FSL}
    2114
    2116 % One-Goal Strategy Logic
    2117 \DeclareRobustCommandx{\OGSL}[3][1=, 2=, 3=]
    2118
          {\SL[#1][#2][1g\arglef{,}{#3}]}
    2119
    2120 \DeclareRobustCommand{\EOGSL}
         {\ensuremath{\exists}\OGSL}
    2122 \DeclareRobustCommand{\UOGSL}
         {\ensuremath{\forall}\OGSL}
    2125 \DeclareRobustCommand{\FOGSL}
          {{\txtname{F}}\OGSL}
    2128 \DeclareRobustCommand{\EFOGSL}
         {\ensuremath{\exists}\FOGSL}
    2130 \DeclareRobustCommand{\UFOGSL}
         {\ensuremath{\forall}\FOGSL}
    2132
    2133 % Conjunctive-Goal Strategy Logic
    2134 \DeclareRobustCommandx{\CGSL}[3][1=, 2=, 3=]
          {\SL[#1][#2][cg\arglef{,}{#3}]}
    2136
    2137 \DeclareRobustCommand{\ECGSL}
         {\ensuremath{\exists}\CGSL}
    2139 \DeclareRobustCommand{\UCGSL}
         {\ensuremath{\forall}\CGSL}
    2140
    2141
    2142 \DeclareRobustCommand{\FCGSL}
         {\{\text{txtname}\{F\}\}\CGSL}
    2144
    2145 \DeclareRobustCommand{\EFCGSL}
    2146 {\ensuremath{\exists}\FCGSL}
    2147 \DeclareRobustCommand{\UFCGSL}
         {\ensuremath{\forall}\FCGSL}
    2149
    2150\ \% Disjunctive-Goal Strategy Logic
    2151 \DeclareRobustCommandx{\DGSL}[3][1=, 2=, 3=]
          {\SL[#1][#2][dg\arglef{,}{#3}]}
    2152
    2153
    2154 \DeclareRobustCommand{\EDGSL}
          {\ensuremath{\exists}\DGSL}
    2156 \DeclareRobustCommand{\UDGSL}
          {\ensuremath{\forall}\DGSL}
    2159 \DeclareRobustCommand{\FDGSL}
```

```
2160
      {{\txtname{F}}\DGSL}
2161
2162 \DeclareRobustCommand{\EFDGSL}
2163
     {\ensuremath{\exists}\FDGSL}
2164 \DeclareRobustCommand{\UFDGSL}
     {\ensuremath{\forall}\FDGSL}
2165
2166
2167 % Alternating-Goal Strategy Logic
2168 \DeclareRobustCommandx{\AGSL}[3][1=, 2=, 3=]
      {\SL[#1][#2][ag\arglef{,}{#3}]}
2170
2171 \DeclareRobustCommand{\EAGSL}
     {\ensuremath{\exists}\AGSL}
2173 \DeclareRobustCommand{\UAGSL}
     {\ensuremath{\forall}\AGSL}
2174
2175
2176 \DeclareRobustCommand{\FAGSL}
      {\{\text{txtname}\{F\}\}\setminus AGSL\}}
2177
2178
2179 \DeclareRobustCommand{\EFAGSL}
      {\ensuremath{\exists}\FAGSL}
2181 \DeclareRobustCommand{\UFAGSL}
2182
      {\ensuremath{\forall}\FAGSL}
2183
2184 % Extended-Goal Strategy Logic
2185 \DeclareRobustCommandx{\EGSL}[3][1=, 2=, 3=]
2186
      {\SL[#1][#2][eg\arglef{,}{#3}]}
2187
2188 \DeclareRobustCommand{\EEGSL}
      {\ensuremath{\exists}\EGSL}
2190 \DeclareRobustCommand{\UEGSL}
      {\ensuremath{\forall}\EGSL}
2192
2193 \DeclareRobustCommand{\FEGSL}
     {\{\text{txtname}\{F\}\}\setminus EGSL\}}
2194
2195
2196 \DeclareRobustCommand{\EFEGSL}
     {\ensuremath{\exists}\FEGSL}
2198 \DeclareRobustCommand{\UFEGSL}
      {\ensuremath{\forall}\FEGSL}
2201 % Boolean-Goal Strategy Logic
2202 \DeclareRobustCommandx{\BGSL}[3][1=, 2=, 3=]
     {\SL[#1][#2][bg\arglef{,}{#3}]}
2204
2205 \DeclareRobustCommand{\EBGSL}
     {\ensuremath{\exists}\BGSL}
2206
2207 \DeclareRobustCommand{\UBGSL}
     {\ensuremath{\forall}\BGSL}
2208
2209
2210 \DeclareRobustCommand{\FBGSL}
      {{\txtname{F}}\BGSL}
2213 \DeclareRobustCommand{\EFBGSL}
     {\ensuremath{\exists}\FBGSL}
2215 \DeclareRobustCommand{\UFBGSL}
2216
     {\ensuremath{\forall}\FBGSL}
2217
2218 % Nested-Goal Strategy Logic
2219 \DeclareRobustCommandx{\NGSL}[3][1=, 2=, 3=]
      {\SL[#1][#2][ng\arglef{,}{#3}]}
2220
2221
2222 \DeclareRobustCommand{\ENGSL}
```

```
{\ensuremath{\exists}\NGSL}
                           2224 \DeclareRobustCommand{\UNGSL}
                                              {\ensuremath{\forall}\NGSL}
                           2226
                           2227 \DeclareRobustCommand{\FNGSL}
                                              {{\txtname{F}}\NGSL}
                           2228
                           2229
                           2230 \DeclareRobustCommand{\EFNGSL}
                                            {\ensuremath{\exists}\FNGSL}
                           2232 \DeclareRobustCommand{\UFNGSL}
                                               {\ensuremath{\forall}\FNGSL}
                           2235 % Undefined-Goal Strategy Logic
                           2236 \DeclareRobustCommandx{\XGSL}[3][1=, 2=, 3=]
                                                {\SL[#1][#2][xg\arglef{,}{#3}]}
                           2238
                           2239 \DeclareRobustCommand{\EXGSL}
                                               {\ensuremath{\exists}\XGSL}
                           2240
                           2241 \DeclareRobustCommand{\UXGSL}
                                               {\ensuremath{\forall}\XGSL}
                           2243
                           2244 \DeclareRobustCommand{\FXGSL}
                           2245
                                              {\{\text{xtname}\{F\}\}\setminus XGSL\}}
                           2246
                           2247 \DeclareRobustCommand{\EFXGSL}
                                            {\ensuremath{\exists}\FXGSL}
                           2249 \DeclareRobustCommand{\UFXGSL}
                           2250 \{ \text{\ensuremath} \forall} \
                           \BndSet ...
              \cdots 2252 \newcommand{\bndsym}{\flat}
                           2253 \newcommand{\bndset}{Bn}
                           2254 \cmdmthsetext{Bnd}[\bndset][\bndsym]
                           2255 \cmdmthsymelm{idbnd}[\bndsym_{\text{id}}]
                           2256 \usrmth{bnd}{}{argfun}
          \psn ...
                           2257 \usrmth{psn}{}{argfun}
                           \nxt ...
                           2259 \usrmth{nxt}{}{argfun}
                           2265 \ifaut@
                           \DFA ...
              \cdots 2267 \texttt{Cmdtxtoparname{DFA}\backslash cmdtxtoparname{NFA}\backslash cmdtxtoparname{AFA}} \\
                           2269 \verb|\cmdtxtoparname{DWA}\cmdtxtoparname{AWA}| cmdtxtoparname{AWA} cmdtxtoparname{AWA}| c
                           2271 \cmdtxtoparname{DFW}\cmdtxtoparname{UFW}\cmdtxtoparname{AFW}
                           2272 \verb|\cmdtxtoparname{NWW}| cmdtxtoparname{UWW}\\ cmdtxtoparname{AWW}| cmdtxtoparname{AWW}|
                           2273 \verb|\cmdtxtoparname{NBW}\cmdtxtoparname{MBW}\cmdtxtoparname{ABW}| \\
                           2274 \verb|\cmdtxtoparname{NCW}| cmdtxtoparname{UCW}| cmdtxtoparname{ACW}| cmdtxtoparname{ACW}|
```

```
2276 \cmdtxtoparname{DRW}\cmdtxtoparname{NRW}\cmdtxtoparname{URW}\cmdtxtoparname{ARW}
                                  2277 \verb|\cmdtxtoparname{DSW}\cmdtxtoparname{MSW}\cmdtxtoparname{ASW}|
                                 2278 \verb|\cmdtxtoparname{DMW}\cmdtxtoparname{MW}| cmdtxtoparname{MW}| cmdtxtoparname{AMW}| cm
               \GFG ...
                   ··· 2279 \cmdtxtoparname{GFG}
                                  2280
                                  2281 \cmdtxtoparname{PD}
                                 2282 \cmdtxtoparname{PN}
                                 2284 \cmdtxtoparname{LD}
                                 2285 \cmdtxtoparname{LN}
                                 \AutName ...
                   \cdots 2287 \newcommand{\autname}{A}
                                  2288 \usrmthlatupp{Aut}{Name}{name}[\autname]
                                  2289 \mbox{ }\mbox{newcommand{\autset}{Aut}}
                                 2290 \cmdmthset{Aut}[\autset]
\WAutSet ...
                                  2291 \newcommand{\wautset}{WAut}
                                  2292 \cmdmthset{WAut}[\wautset]
   \SymSet ...
                    \cdots \ 2293 \newcommand{\symsym}{\sigma} 
                                  2294 \newcommand{\symset}{\Sigma}
                                  2295 \cmdmthsetext{Sym}[\symset][\symsym]
   \SttSet ...
                   \cdots 2296 \providecommand{\sttsym}{q}
                                 2297 \providecommand{\sttset}{Q}
                                 2298 \cmdmthsetext{Stt}[\sttset][\sttsym]
                                 2299 \cmdmthset{IStt}[\sttset_{I}]
                                  2300 \cmdmthsymelm{istt}[\sttsym_{I}]
                                 2301 \cmdmthset{FStt}[\sttset_{F}]
                                 2302 \mbox{cmdmthsymelm{fstt}[\sttsym_{F}]}
    \trnFun ...
    \trnRel 2303 \providecommand{\trnsym}{\delta}
                                  2304 \cmdmthfun{trn}[\trnsym]
                                  2305 \cmdmthrel{trn}[\trnsym]
                                  \WrdSet ...
                   ··· 2307 \newcommand{\wrdsym}{w}
                                  2308 \newcommand{\wrdset}{Wr}
                                 2309 \cmdmthsetext{Wrd} [\wrdset] [\wrdsym]
           \Lang ...
                                 2310 \usrmth{Lang}{}{argfun}[L]
                                  \DTA ...
                   \cdots 2312 \texttt{\cmdtxtoparname{DTA}\backslash cmdtxtoparname{NTA}\backslash cmdtxtoparname{ATA}} \\
                                  2314 \verb|\cmdtxtoparname{NFT}| cmdtxtoparname{VFT}| cmdtxtoparname{VFT}|
                                  2315 \verb|\cmdtxtoparname{NWT}| cmdtxtoparname{WWT}| cmdtxtoparname{AWT}| cmdtxtoparname{AWT}|
                                  2316 \cmdtxtoparname{DBT}\cmdtxtoparname{MBT}\cmdtxtoparname{MBT}\cmdtxtoparname{ABT}
                                  2317 \verb|\cmdtxtoparname{DCT}\cmdtxtoparname{UCT}\cmdtxtoparname{UCT}\cmdtxtoparname{ACT}|
```

```
2318 \cmdtxtoparname{DPT}\cmdtxtoparname{MPT}\cmdtxtoparname{MPT}\cmdtxtoparname{APT}
             2319 \cmdtxtoparname{DRT}\cmdtxtoparname{ART}
             2320 \verb|\cmdtxtoparname{DST}\cmdtxtoparname{AST}| \\
             2321 \verb|\cmdtxtoparname{DMT}\cmdtxtoparname{MMT}| cmdtxtoparname{MMT}| 
             \TAutSet ...
             2323 \newcommand{\tautset}{TAut}
             2324 \cmdmthset{TAut}[\tautset]
 \DirSet ...
       ··· 2325 \newcommand{\dirsym}{d}
             2326 \newcommand{\dirset}{\Lambda}
             2327 \cmdmthsetext{Dir}[\dirset][\dirsym]
             \TreeSet ...
       ··· 2329 \newcommand{\treesym}{T}
             2330 \newcommand{\treeset}{Tr}
             2331 \cmdmthsetext{Tree} [\treeset] [\treesym]
      \wot ...
             2332 \usrmth{wot}{}{argfun}
             2338 \iffrm@
             2339 \RequirePackage{multicol}
       . . . ...
             2340 %%...
             2341 \fi
             2346 \iffig@
             2347 \RequirePackage{tikz}
             2348 \usetikzlibrary{calc,arrows,shapes,patterns,graphs,matrix}
             2349 \tikzstyle{every node} =
                    [draw = none, fill = none, black, thin]
             2351 \tikzstyle{every edge} +=
             2352 [black, thick]
             2353 \tikzstyle{noall} =
             2354 [draw = none, fill = none]
             2355 \tikzstyle{nodraw} =
             2356 [draw = none, fill = white]
             2357 \tikzstyle{nofill} =
             2358 [draw = black, fill = none]
             2359 \ifwrpfig@
             2360 % Wrapfig Package
             2361 \RequirePackage{wrapfig}
             2362 \fi
```

```
2368 \iftab@
            2369 %%...
                   2370 \fi
                   2375 \ifalg@
                   2376 \RequirePackage[ruled,vlined]{algorithm2e}
                   2377 \DontPrintSemicolon
                   2378 \SetInd{0.25em}{0.5em}
                   2379 \text{setlength}\{\text{algomargin}\}\{1.25em\}
\Signature ...
                   2380 \SetKw{Signature}{signature}
       \Macro ...
 \Function 2381 \SetKwFor{Macro}{macro}{}}
\Procedure 2382 \SetKwFor{Function}{function}{}}
                   2383 \SetKwFor{Procedure}{procedure}{}{
          \Let ...
                   2384 \For{Let}{in}{}
        \True ...
       \False _{2385} \SetKw{True}{true}
                   2386 \texttt{\SetKw{False}{false}}
        \From ...
            \To _{2387} \SetKw{From}{from}
     \DownTo 2388 \SetKw{To}{to}
                   2389 \SetKw{DownTo}{downto}
        \GoTo ...
       \Break 2390 \SetKw{GoTo}{goto}
 \Continue 2391 \SetKw{Break}{break}
                   2392 \SetKw{Continue}{continue}
       \Guess ...
 \ExsGuess 2393 \SetKw{Guess}{guess}
 \AllGuess 2394 \SetKw{ExsGuess}{$\exists$-guess}
                   2395 \SetKw{AllGuess}{$\forall$-guess}
          \MIf ...
   \label{lem:lem:lem:melself} $$ \SetKwIF\{MIf\}\{MElseIf\}\{MElse\}_{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\wif}^{\wif}_{\
       \MElse
          \nlr ...
                   2397 \newrobustcmd{\nlr}[1]
                             {\addtocounter{AlgoLine}{1}%
                   2398
                              \nlset{\arabic{AlgoLine}-\addtocounter{AlgoLine}{#1}\arabic{AlgoLine}}}
                   2399
                   2400 \fi
                   2402 \endinput
                   2403 (/package)
```

2 Change History

v0.0	v0.23
General: First public release 1	General: New 'Graphs' section and small
v0.1	improvements
General: Algorithm tricks 1	v0.24
v0.10	General: Correction of fragile macros 1
General: Small refinements 1	v0.25
v0.11	General: Few additions and corrections 1
General: Few additions and corrections 1	v0.26
v0.12	General: Few additions
General: New starred variants 1	v0.27
v0.13	General: Small addition to 'Algorithm tricks' 1
General: Further starred variants 1	v0.28
v0.14	General: Few additions
General: Few additions and corrections 1	General: Correction of fragile macros 1
v0.15	v0.3
General: Refactoring of dtx sources 1	General: Few problems solved 1
v0.16	v0.30
General: Small refinements and few additions 1	General: Improvements and new command
v0.17	variants 1
General: Few additions	v0.4
v0.18	General: Refactoring, corrections, and
General: Few new starred variants 1	extensions 1
v0.19	v0.5
General: Additional starred variants 1	General: Figure tricks 1
v0.2	v0.6
General: Changes in 'Auxiliary tricks' 1	General: Small refinements
v0.20	v0.7
General: New binary operators	General: Refinements, corrections, and
v0.21	extensions 1
General: Refactoring of function macros 1	v0.8
v0.22	General: Few refinements and corrections 1 v0.9
	General: Small addition to 'Algorithm tricks' 1
General: Few additions 1	General Sinan addition to Algorithm tricks

3 Index

Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

```
Symbols
                                          1499, 1506, 1512, 1519,
                                                                      \@@sequencer .... 993
                                          1525, 1533, 1535, 1537,
                                                                      \@@setr ..... 1054, 1055
   .... 434, 458, 933, 1036,
                                          \underline{1539},\ \underline{1542},\ \underline{1572},\ \underline{1606},
       1046, 1048, 1050, 1898
                                                                      \@@spow ..... 1070, 1073
                                          1609, 1614, 1685, 1716,
                                                                      \@@ssequence ..... 975
    . . . . . . . . . . . . . . . . . . 886, 887
                                          1718, 1727, 1732, 1766,
                                                                      \@@ssequencel .....
\#
   1788, 1793, 1800, 1852,
                                                                      \@@ssequencer ..... 995
   . . . . . . . . . . . . . . . 1038,
                                          1903, 1905, 1908, 1911,
                                                                      \@@stuple ..... 1005
       1040, 1048, 1050, 1190,
                                          <u>1920</u>, <u>1927</u>, <u>1939</u>, <u>1947</u>,
                                                                      \@@stuplel ..... 1015
       1193, 1194, 1788, 1789,
                                          <u>1951</u>, <u>1958</u>, <u>1966</u>, <u>2100</u>,
                                                                      \@@stupler .... 1025
       1790, 1791, 1792, 1793,
                                          2252, 2267, 2279, 2287,
       1794, 1795, 1796, 1797
                                                                      \@@tuple ..... 1003
                                          2293, 2296, 2307, 2312,
                                                                      \@@tuplel ..... 1013
1... 144, 604, 618,
                                          <u>2325</u>, <u>2329</u>, <u>2340</u>, <u>2369</u>
                                                                      \@@tupler ..... 1023
       632, 646, 660, 694, 708,
                                                                      \@@xset .... 1034, 1036, 1037
                                   \@
                                          . . . . . . . . . . 843, 849,
       722, 736, 782, 796, 811,
                                          854, 858, 859, 860, 865,
                                                                      \00xset1 .... 1044, 1046, 1047
       <u>825</u>, <u>1273</u>, <u>1275</u>, <u>1296</u>,
                                          866, 875, 892, 893, 895,
                                                                      \@abs ..... 1162, 1163
       1318, 1320, 1333, 1341,
                                          896, 897, 898, 899, 901, 902
                                                                      \@all ..... 1710, 1713
       1353, 1372, 1400, 1425,
                                   \@@sequence ..... 973
       1436, 1458, 1468, 1475,
                                                                      \@card ......
                                                                                             1060, 1061
       <u>1480</u>, <u>1482</u>, <u>1485</u>, <u>1489</u>,
                                   \@@sequencel .....
                                                                      \@ceil .....
                                                                                             1180, 1181
```

101	100 400	\
\@denot 945, 946	\Osnewmth 420, 423	\AGSL 2168, 2172, 2174, 2177
\@e@sequence 973	\Osnewmtharg 432, 435	\AH <u>1259</u>
\@e@sequencel 983	\@snewmthargsty 438, 441	\aka <u>892</u>
\@e@sequencer 993	\@snewmthoarg 444, 447	\ala <u>885</u>
\@e@setr 1054, 1057	\@snewmthoargsty $450, 453$	\alg@false 126, 128
\@e@spow 1070, 1071	$\c \c \$	\alg@true 127
\@e@ssequence 975	\@snewmthoparsty $474, 477$	\algomargin 2379
\@e@ssequencel 985	$\c \c \$	\All <u>1703</u>
\@e@ssequencer 995	\@snewmthparsty $462, 465$	\AllGuess 2393
\@e@stuple 1005	\@snewmthsty $\dots 426, 429$	\ALogSpace(E/H/C) <u>1249</u>
\@e@stuplel 1015	\@snewtxt 307, 310	\ALogTime(E/H/C) 1248
\@e@stupler 1025	\@snewtxtarg 319, 322	\Alpha <u>144</u>
\@e@tuple 1003	\@snewtxtargsty 325, 328	\alt <u>1473</u>
\@e@tuplel 1013	\@snewtxtoarg 331, 334	\aMat <u>811</u>
\@e@tupler 1023	\@snewtxtoargsty 337, 340	\amsdef@false 17
\@e@xset 1034, 1036, 1039	\@snewtxtopar 355, 358	\amsdef@true 16
\@e@xsetl 1044, 1046, 1049	\@snewtxtoparsty 361, 364	\amsthm@false
\@eabs 1162, 1165	\@snewtxtpar 343, 346	\amsthm@true 20
\@ecard 1060, 1063	\@snewtxtparsty 349, 352	
	\@snewtxtsty 313, 316	\AName
\@eceil 1180, 1183	\@spow 1066, 1069	\AOmega
\@edenot 945, 948	\@ssequence 971, 974	\Aomega <u>1106</u>
\@efloor 1174, 1177	\@ssequencel 981, 984	\AOmicron
\@elen 1203, 1206	\@ssequencer 991, 994	\Aomicron <u>1110</u>
\@enorm 1168, 1171	\@sset 1032, 1035	\Aposteriori <u>870</u>
\@enumeration 967	\@ssetl 1042, 1045	\aposteriori <u>848</u>
\@exs 1704, 1707	\@stuple 1001, 1004	\Apriori
\@firstoftwo 169, 171	\@stuple\ 1001, 1004 \@stuple\ 1011, 1014	\apriori <u>847</u>
\@floor 1174, 1175	\@stupler 1011, 1014 \@stupler 1021, 1024	\APSet
\@for 183, 187	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\apset 1459, 1460
\@ifnextchar 169, 171, 843	\@tuple 1001, 1002	$\texttt{APSpace}(\texttt{E/H/C}) \dots \underline{1251}$
\@ifstar 167	•	\apsym 1458, 1460
\@len 1203, 1204	\@tuple1 1011, 1012	\APTime(E/H/C) <u>1250</u>
\@newmth 420, 421	\@tupler 1021, 1022	\AQPSpace(E/H/C) <u>1253</u>
(GHOWMOH 120, 121	0.00 0.01	
	\@vec 960, 961	=
\@newmtharg 432, 433	\^ 888, 890	$\texttt{AQPTime}(\texttt{E/H/C}) \dots \underline{1252}$
\@newmtharg 432, 433 \@newmthargsty 438, 439	,	\AQPTime(E/H/C) <u>1252</u> \arabic 2399
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445	\^	\AQPTime(E/H/C)
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451	\^ \	\AQPTime(E/H/C)
\@newmtharg	\^ \. \. 888, 890 \' \. 885 \\ \A \. \. 1848	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} \tag{432, 433} \\ \text{Qnewmthargsty} \tag{444, 445} \\ \text{Qnewmthoargsty} \tag{450, 451} \\ \text{Qnewmthopar} \tag{468, 469} \\ \text{Qnewmthoparsty} \tag{474, 475} \end{argsty} \tag{474, 475}	\frac{1848}{1897}	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} \tag{432, 433} \\ \text{Qnewmthargsty} \tag{444, 445} \\ \text{Qnewmthoargsty} \tag{450, 451} \\ \text{Qnewmthopar} \tag{468, 469} \\ \text{Qnewmthoparsty} \tag{474, 475} \\ \text{Qnewmthpar} \tag{456, 457} \\ \text{Qnewmthpar} \tag{456, 457} \\ \text{Qnewmthpar} \tag{432, 433} \\ \text{438, 439} \\ \text{468, 469} \\ \text{Qnewmthoparsty} \tag{474, 475} \\ \text{Qnewmthpar} \tag{456, 457} \\ \text{Qnewmthpar} \tag{456, 457} \\ \text{Qnewmthpar} \tag{478, 475} \\ \text{Qnewmthpar} \\ \text{Qnewmthpar} \tag{478, 475} \\ \text{Qnewmthpar} \\ \text{Qnewmthpar} \\ \text{Qnewmthpar}	$\begin{tabular}{cccccccccccccccccccccccccccccccccccc$	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \end{array}	\frac{1848}{\AA11} \\ \absolute{A} \\ \absolut	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \end{args}	\frac{1}{\cappa} \	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewtxt} & 307, 308 \end{argmath}	\frac{1}{\cappa} \frac{1}{\cappa} \frac{1}{\cappa} \frac{888}{\cappa}, \frac{885}{\cappa} \frac{885}{\cappa} \frac{885}{\cappa} \frac{885}{\cappa} \frac{885}{\cappa} \frac{888}{\cappa} \frac{885}{\cappa} \frac{888}{\cappa} \frac{885}{\cappa} \frac{888}{\cappa} \frac{888}{\cappa} \frac{885}{\cappa} \frac{888}{\cappa} \frac{888}{\cappa} \frac{888}{\cappa} \frac{888}{\cappa} \frac{888}{\cappa} \frac{885}{\cappa} \frac{888}{\cappa} \frac{890}{\cappa} \frac{1848}{\cappa} \frac{161}{\cappa} \frac{161}{\cappa} \frac{161}{\cappa} \frac{161}{\cappa} \frac{1722}{\cappa} \frac{1722}{\cappa} \frac{1722}{\cappa} \frac{1722}{\cappa} \frac{1722}{\cappa} \frac{632}{\cappa} \frac{632}{\cappa} \frac{632}{\cappa} \frac{632}{\cappa} \frac{161}{\cappa} \frac{161}{\cappa} \frac{632}{\cappa} \frac{161}{\cappa} \frac{632}{\cappa} \frac{632}{\cappa} \frac{161}{\cappa} \frac{632}{\cappa} \frac{632}{\	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewtxt} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \end{args}	\frac{1}{\lambda} \frac{1}{\lambda} \frac{888}{\lambda}, \frac{890}{\lambda} \frac{885}{\lambda} \frac{8}{\lambda} \frac{1}{\lambda} \frac{1848}{\lambda} \frac{8411}{\lambda} \frac{1897}{\lambda} \frac{161}{\lambda} \frac{161}{\lambda} \frac{1722}{\lambda} \frac{1722}{\lambda} \frac{1722}{\lambda} \frac{1722}{\lambda} \frac{632}{\lambda} \frac{632}{\lambda} \frac{1908}{\lambda} \frac{1888}{\lambda} \frac{1890}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1888}{\lambda} \frac{1890}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1888}{\lambda} \frac{1888}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1908}{\lambda} \frac{1848}{\lambda} \frac{1908}{\lambda}	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewtxt} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtargsty} & 325, 326 \end{argmath}	\(^\circ\) 888, 890 \(^\circ\) 885 \(\begin{array}{cccc} \begin{array}{ccccc} \begin{array}{cccccccccccccccccccccccccccccccccccc	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthoparsty} & 456, 457 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewmtxt} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtargsty} & 325, 326 \\ \text{Qnewtxtoarg} & 331, 332 \end{args} \end{args}	\(^\circ\) 888, 890 \(^\circ\) 885 \(\circ\) A \(\lambda\) 1848 \(\lambda\) 1161 \(\lambda\) 1897 \(\lambda\) 162 \(\lambda\) 1722, 1723, 1724 \(\lambda\) 1722 \(\lambda\) 1722 \(\lambda\) 1724 \(\lambda\) 1908 \(\lambda\) 1908 \(\lambda\) 1908, 1910 \(\lambda\) 1908, 1910	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewmthsty} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtoargsty} & 325, 326 \\ \text{Qnewtxtoargsty} & 331, 332 \\ \text{Qnewtxtoargsty} & 337, 338 \end{args} ar	\(^\circ\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\AQPTime(E/H/C)
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewmthsty} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtargsty} & 325, 326 \\ \text{Qnewtxtoargsty} & 331, 332 \\ \text{Qnewtxtoargsty} & 337, 338 \\ \text{Qnewtxtopar} & 355, 356 \end{array} \end{array} \end{array}	\(^\circ\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewmthsty} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtargsty} & 325, 326 \\ \text{Qnewtxtoargsty} & 331, 332 \\ \text{Qnewtxtoargsty} & 337, 338 \\ \text{Qnewtxtoparsty} & 355, 356 \\ \text{Qnewtxtoparsty} & 361, 362 \end{args} \e	A \(\A \\ \\	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthpar} & 456, 457 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewmthsty} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtargsty} & 325, 326 \\ \text{Qnewtxtoargsty} & 331, 332 \\ \text{Qnewtxtoargsty} & 337, 338 \\ \text{Qnewtxtopar} & 355, 356 \\ \text{Qnewtxtoparsty} & 361, 362 \\ \text{Qnewtxtpar} & 343, 344 \end{argsty}	A \(\A \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoargsty 337, 338 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtpar 343, 344 \@newtxtparsty 349, 350	A A A A A A A A A A A A A	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoargsty 331, 332 \@newtxtoargsty 337, 338 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtpar 343, 344 \@newtxtsparsty 349, 350 \@newtxtsty 313, 314	A A A A A A A A A A A A A	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewtxt} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtargsty} & 325, 326 \\ \text{Qnewtxtoargsty} & 331, 332 \\ \text{Qnewtxtopar} & 355, 356 \\ \text{Qnewtxtoparsty} & 361, 362 \\ \text{Qnewtxtargsty} & 361, 362 \\ \text{Qnewtxtargsty} & 343, 344 \\ \text{Qnewtxtsty} & 349, 350 \\ \text{Qnewtxtsty} & 313, 314 \\ \text{Qnorm} & 1168, 1169 \end{args} \end{args} \]	A A A A A A A A A A A A A	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\\(\text{Qnewmtharg} & 432, 433 \\ \text{Qnewmthargsty} & 438, 439 \\ \text{Qnewmthoarg} & 444, 445 \\ \text{Qnewmthoargsty} & 450, 451 \\ \text{Qnewmthopar} & 468, 469 \\ \text{Qnewmthoparsty} & 474, 475 \\ \text{Qnewmthoparsty} & 462, 463 \\ \text{Qnewmthparsty} & 462, 463 \\ \text{Qnewmthsty} & 426, 427 \\ \text{Qnewmthsty} & 307, 308 \\ \text{Qnewtxtarg} & 319, 320 \\ \text{Qnewtxtargsty} & 325, 326 \\ \text{Qnewtxtoargsty} & 331, 332 \\ \text{Qnewtxtoargsty} & 337, 338 \\ \text{Qnewtxtoargsty} & 335, 356 \\ \text{Qnewtxtoparsty} & 361, 362 \\ \text{Qnewtxtparsty} & 343, 344 \\ \text{Qnewtxtsty} & 349, 350 \\ \text{Qnewtxtsty} & 313, 314 \\ \text{Qnorm} & 1168, 1169 \\ \text{Qpow} & 1066, 1067 \end{array} \end{array} \end{array} \]	A A A A A A A A A A A A A	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoarg 331, 332 \@newtxtoargsty 337, 338 \@newtxtoparsty 361, 362 \@newtxtparsty 343, 344 \@newtxtparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@sall 1710, 1711	A A A A A A A A A A A A A	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoarg 331, 332 \@newtxtoargsty 337, 338 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtparsty 343, 344 \@newtxtparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@sall 1710, 1711 \@senumeration 967	A A A A A A A A A A A A A	\AQPTime(E/H/C)
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoargsty 331, 332 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtparsty 343, 344 \@newtxtparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@sall 1710, 1711 \@senumeration 967 \@sequence 971, 972	A A A A A A A A A A A A A	\AQPTime(E/H/C)
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoargsty 331, 332 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtparsty 349, 350 \@newtxtsparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@sall 1710, 1711 \@senumeration 967 \@sequence 971, 972 \@sequencel 981, 982	A \(\text{A} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\AQPTime(E/H/C)
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoarg 331, 332 \@newtxtoargsty 337, 338 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtparsty 349, 350 \@newtxtparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@sall 1710, 1711 \@senumeration 967 \@sequence 971, 972 \@sequence 991, 992	A \(\text{A} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\AQPTime(E/H/C)
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoarg 331, 332 \@newtxtoargsty 337, 338 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtparsty 343, 344 \@newtxtparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@seluence 971, 972 \@sequence 971, 972 \@sequence 991, 992 \@set 1032, 1033	A \(\text{A} \text{ \text{1848}} \\ \(\text{A} \text{ \text{1848}} \\ \(\text{AA11} \text{ \text{1897}} \\ \(\text{abs} \text{ \text{1161}} \\ \(\text{AccRel} \text{ \text{1722}} \\ \(\text{AC1s} \text{ \text{632}} \\ \(\text{ActSet} \text{ \text{1908}} \\ \(\text{actsym} \text{ \text{1908}} \\ \(\text{1908} \text{ \text{1908}} \\ \(\text{actsym} \text{ \text{1908}} \\ \(\text{1908} \text{ \text{2399}} \\ \(\text{addtocounter} \text{ \text{2398}} \\ \(\text{2399} \\ \(\text{adj} \text{ \text{951}} \\ \(\text{AExpTime}(E/H/C) \text{ \text{1255}} \\ \(\text{AExpTime}(E/H/C) \text{ \text{1255}} \\ \(\text{AFAm} \text{ \text{618}} \\ \(\text{AFGMC} \text{ \text{1748}} \\ \(\text{1757}, \text{1759}, \text{1761} \\ \(\text{Afortiori} \text{ \text{868}} \\ \(\text{afortiori} \text{ \text{868}} \\ \(\text{afun} \text{ \text{796}} \\ \(\text{AFun} \text{ \text{798}} \\ \(\text{AgnSet} \text{ \text{1905}} \\ \end{abs}	\AQPTime(E/H/C)
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoarg 331, 332 \@newtxtoargsty 337, 338 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtparsty 343, 344 \@newtxtparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@sall 1710, 1711 \@senumeration 967 \@sequence 971, 972 \@sequence 991, 992 \@set 1032, 1033 \@set1 1042, 1043	A \(\A \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\AQPTime(E/H/C)
\@newmtharg 432, 433 \@newmthargsty 438, 439 \@newmthoarg 444, 445 \@newmthoargsty 450, 451 \@newmthopar 468, 469 \@newmthoparsty 474, 475 \@newmthpar 456, 457 \@newmthparsty 462, 463 \@newmthsty 426, 427 \@newtxt 307, 308 \@newtxtarg 319, 320 \@newtxtargsty 325, 326 \@newtxtoarg 331, 332 \@newtxtoargsty 337, 338 \@newtxtopar 355, 356 \@newtxtoparsty 361, 362 \@newtxtparsty 343, 344 \@newtxtparsty 349, 350 \@newtxtsty 313, 314 \@norm 1168, 1169 \@pow 1066, 1067 \@seluence 971, 972 \@sequence 971, 972 \@sequence 991, 992 \@set 1032, 1033	A \(\text{A} \text{ \text{1848}} \\ \(\text{A} \text{ \text{1848}} \\ \(\text{AA11} \text{ \text{1897}} \\ \(\text{abs} \text{ \text{1161}} \\ \(\text{AccRel} \text{ \text{1722}} \\ \(\text{AC1s} \text{ \text{632}} \\ \(\text{ActSet} \text{ \text{1908}} \\ \(\text{actsym} \text{ \text{1908}} \\ \(\text{1908} \text{ \text{1908}} \\ \(\text{actsym} \text{ \text{1908}} \\ \(\text{1908} \text{ \text{2399}} \\ \(\text{addtocounter} \text{ \text{2398}} \\ \(\text{2399} \\ \(\text{adj} \text{ \text{951}} \\ \(\text{AExpTime}(E/H/C) \text{ \text{1255}} \\ \(\text{AExpTime}(E/H/C) \text{ \text{1255}} \\ \(\text{AFAm} \text{ \text{618}} \\ \(\text{AFGMC} \text{ \text{1748}} \\ \(\text{1757}, \text{1759}, \text{1761} \\ \(\text{Afortiori} \text{ \text{868}} \\ \(\text{afortiori} \text{ \text{868}} \\ \(\text{afun} \text{ \text{796}} \\ \(\text{AFun} \text{ \text{798}} \\ \(\text{AgnSet} \text{ \text{1905}} \\ \end{abs}	\AQPTime(E/H/C)

\ a .	700	\
\aSnt	\cmdmthargfrm	\cmdmthparname <u>611</u>
\ASpace(E/H/C) <u>1247</u>	\cmdmthargfun	\cmdmthparrel <u>701</u>
\aStr <u>660</u>	\cmdmthargmat <u>814</u>	\cmdmthparset <u>681</u>
\aSym	\cmdmthargname 607	\cmdmthparsig $\underline{653}$
\ATheta <u>1108</u>	\cmdmthargrel 697	\cmdmthparsnt <u>789</u>
\Atheta	\cmdmthargset <u>677</u>	\cmdmthparstr <u>667</u>
\ATime(E/H/C) 1246	\cmdmthargsig 649	\cmdmthparsym $\underline{729}$, 758
\ATL <u>1852</u>	\cmdmthargsnt	\c \cmdmthparsymelm $\underline{757}$
\ATLP 1872, 1876, 1878, 1880	\cmdmthargstr <u>663</u>	\cmdmthparvec 832
\ATLS 1887, 1891, 1893, 1895	\cmdmthargsym $\dots \frac{725}{752}$	\cmdmthrel
\atr <u>1367</u>	\cmdmthargsymelm $\dots 751$	695, 1281, 1332, 1723,
\aut@false 56, 62, 98, 100	\cmdmthargvec $\dots \dots \underline{828}$	1724, 1932, 1935, 2305
\aut@true 99	\cmdmthcls <u>633</u>	\cmdmthset <u>675</u> ,
\AutName <u>2287</u>	\cmdmthelm <u>737</u> , 750	686, 1325, 1327, 1336,
\autname 2287, 2288	\cmdmthfam <u>619</u>	1338, 1344, 1346, 1356,
\autset 2289, 2290	\cmdmthfrm <u>797</u>	1358, 1916, 1918, 1923,
\aux@false 11, 13	\cmdmthfun $\dots \frac{709}{}$,	1925, 1942, 1944, 1954,
\aux@true 12	1330, 1339, 1397, 1416,	1956, 1961, 1963, 2290,
\aVec <u>825</u>	1726, 1931, 1934, 2304	2292, 2299, 2301, 2324
	\cmdmthlbop <u>769</u>	\cmdmthsetext
В	\cmdmthlrel 776	685, 1277, 1285,
\BF <u>1425</u>	\cmdmthluop 769	1322, 1343, 1351, 1355,
\bfseries 544	\cmdmthmat 812	1362, 1396, 1415, 1460,
\BG	\cmdmthname 605	1470, 1484, 1487, 1503,
\BGPL 2068, 2072, 2074, 2077	\cmdmthoarg <u>501</u> , 511	1510, 1516, 1523, 1529,
\bgroup 178	\cmdmthoargcls 637	1608, 1611, 1720, 1729,
\BGSL 2202, 2206, 2208, 2211	\cmdmthoargelm 741, 756	1907, 1910, 1913, 1922,
\BMod <u>1701</u> , 1712, 1714	\cmdmthoargfam623	
\BndSet	\cmdmthoargfrm 801	1929, 1938, 1941, 1949,
\bndset 2253, 2254	\cmdmthoargfun 713	1953, 1960, 2254, 2295,
\bndsym 2252, 2254, 2255		2298, 2309, 2327, 2331
\boldsymbol 810, 824	\cmdmthoargmat	\cmdmthsig
\bot 1440	\cmdmthoargname 609	\cmdmthsnt
\bound <u>1471</u>	\cmdmthoargrel 699	\cmdmthstr
\Box 1702	\cmdmthoargset 679	\cmdmthsym
and the second s		
\boxminus 1411	\cmdmthoargsig 651	. <u>723</u> , 749, 1315, 1317,
\boxminus	\cmdmthoargsnt 787	1391, 1393, 1410, 1412
	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break <u>2390</u>	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	1391, 1393, 1410, 1412 \cmdmthsymelm \cdots \cdot \frac{748}{278}, 1278, 1279,
\Break	$\begin{array}{llllllllllllllllllllllllllllllllllll$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\Break	$\begin{array}{llllllllllllllllllllllllllllllllllll$	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\Break \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfum 805 \cmdmthoparfum 717	1391, 1393, 1410, 1412 \cmdmthsymelm
\Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparrel 613 \cmdmthoparrel 703	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparrel 703 \cmdmthoparset 683	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparsnt 791	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparsnt 791 \cmdmthoparstr 669	$\begin{array}{c} 1391,\ 1393,\ 1410,\ 1412\\ \verb \cmdmthsymelm & \dots & \dots \\ \hline & \frac{748}{1278},\ 1279,\\ 1323,\ 1324,\ 1326,\ 1328,\\ 1345,\ 1347,\ 1357,\ 1359,\\ 1721,\ 1914,\ 1915,\ 1917,\\ 1919,\ 1924,\ 1926,\ 1943,\\ 1945,\ 1955,\ 1957,\ 1962,\\ 1964,\ 2255,\ 2300,\ 2302\\ \verb \cmdmthvec & \underline{826}\\ \verb \cmdtxt & \underline{382},\ 408\\ \verb \cmdtxtabr & \underline{558},\\ 845,\ 846,\ 847,\ 848,\ 849,\\ 850,\ 851,\ 852,\ 853,\ 854,\\ 855,\ 856,\ 857,\ 858,\ 859,\\ 860,\ 861,\ 862,\ 863,\ 864,\\ 865,\ 866,\ 868,\ 869,\ 870,\\ 871,\ 872,\ 873,\ 874,\ 875,\\ \end{array}$
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparstr 791 \cmdmthoparsym 731, 761	$\begin{array}{c} 1391,\ 1393,\ 1410,\ 1412\\ \verb \cmdmthsymelm $
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparstr 669 \cmdmthoparsym 731, 761 \cmdmthoparvec 834	$\begin{array}{c} 1391,\ 1393,\ 1410,\ 1412\\ \verb \cmdmthsymelm $
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparstr 669 \cmdmthoparsym 731, 761 \cmdmthoparvec 834 \cmdmthpar 504, 511	$\begin{array}{c} 1391,\ 1393,\ 1410,\ 1412\\ \verb \cmdmthsymelm $
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfum 717 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparrame 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparstr 669 \cmdmthoparsymelm 760 \cmdmthoparvec 834 \cmdmthparcls 504, 511 \cmdmthparcls 639	$\begin{array}{c} 1391,\ 1393,\ 1410,\ 1412\\ \verb \cmdmthsymelm $
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfum 717 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparstr 791 \cmdmthoparsymelm 760 \cmdmthoparvec 834 \cmdmthparcls 639 \cmdmthparelm 743, 759	$\begin{array}{c} 1391,\ 1393,\ 1410,\ 1412 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparsym 731, 761 \cmdmthoparsymelm 760 \cmdmthoparcls 834 \cmdmthparcls 639 \cmdmthparelm 743, 759 \cmdmthparfam 625	$\begin{array}{c} 1391, \ 1393, \ 1410, \ 1412 \\ \verb \cmdmthsymelm \ \ \ \ \ \ \ \ \ \ \ \ \ $
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparsym 731, 761 \cmdmthoparsymelm 760 \cmdmthoparcls 639 \cmdmthparcls 639 \cmdmthparelm 743, 759 \cmdmthparfam 625 \cmdmthparfam 625 \cmdmthparfam 625	$\begin{array}{c} 1391, \ 1393, \ 1410, \ 1412 \\ \verb \cmdmthsymelm \ \ \ \ \ \ \ \ \ \ \ \ \ $
Break	\cmdmthoargsnt 787 \cmdmthoargstr 665 \cmdmthoargsym 727, 755 \cmdmthoargsymelm 754 \cmdmthoargvec 830 \cmdmthopar 507, 511 \cmdmthoparcls 641 \cmdmthoparelm 745, 762 \cmdmthoparfam 627 \cmdmthoparfrm 805 \cmdmthoparfun 717 \cmdmthoparmat 820 \cmdmthoparname 613 \cmdmthoparrel 703 \cmdmthoparset 683 \cmdmthoparsig 655 \cmdmthoparsym 731, 761 \cmdmthoparsymelm 760 \cmdmthoparcls 834 \cmdmthparcls 639 \cmdmthparelm 743, 759 \cmdmthparfam 625	$\begin{array}{c} 1391, \ 1393, \ 1410, \ 1412 \\ \verb \cmdmthsymelm \ \ \ \ \ \ \ \ \ \ \ \ \ $

\ 3++	\ 1700	1191 1199 1195 1195
\cmdtxtargname <u>574</u>	\coWSO 1585	1131, 1133, 1135, 1137,
\cmdtxtcom <u>585</u> , 1237, 1238, 1239	\coWSOL 1583	1139, 1141, 1143, 1145,
\cmdtxtdef <u>545</u>	\coWTL 1622	1147, 1150, 1152, 1154,
\cmdtxtname 572 , 1902	\crv@false 40	1156, 1158, 1161, 1163,
\cmdtxtoarg <u>392</u> , 408	\crv@true 41	1165, 1167, 1169, 1171,
_	\csdef 143, 144, 145, 146, 147,	1173, 1175, 1177, 1179,
\cmdtxtoargabr <u>562</u>		
$\column{2}{cmdtxtoargcom} \dots \underline{589}$	383, 388, 393, 398, 403,	1181, 1183, 1200, 1202,
$\column{1}{c}$ cmdtxtoargdef $\underline{549}$	411, 496, 499, 502, 505,	1204, 1206, 1429, 1431,
\cmdtxtoargname 576	508, 514, 1217, 1233, 1235	1433, 1494, 1496, 1577,
\cmdtxtopar 402, 408	\csedef 184, 188	1579, 1583, 1585, 1589,
	\csname . 174, 175, 176, 177,	1591, 1595, 1597, 1601,
\cmdtxtoparabr <u>566</u>		1603, 1618, 1622, 1626,
\cmdtxtoparcom $\dots 593$	178, 179, 180, 185, 189,	
\cmdtxtopardef 553	385, 386, 390, 391, 395,	1630, 1634, 1641, 1645,
\cmdtxtoparname 580,	396, 400, 401, 405, 406,	1649, 1653, 1657, 1664,
1297, 1300, 1303, 1306,	413, 414, 422, 424, 516, 517	1668, 1672, 1676, 1680,
1309, 1312, 1373, 1376,	\CTL 1800	1689, 1693, 1695, 1697,
	\CTLP 1823, 1827, 1829, 1831	1703, 1705, 1707, 1709,
1379, 1382, 1385, 1388,	\CTLS 1838, 1842, 1844, 1846	1711, 1713, 1736, 1740,
1401, 1404, 1407, 1426,		
1490, 1491, 1543, 1546,	\CurrentOption 131	1742, 1744, 1748, 1752,
1549, 1552, 1555, 1558,		1756, 1758, 1760, 1770,
1561, 1564, 1573, 1574,	D	1772, 1774, 1781, 1783,
1615, 1638, 1661, 1686,	\DBH <u>1260</u>	1785, 1807, 1811, 1813,
	\DeclareMathAlphabet	1815, 1822, 1826, 1828,
1733, 1767, 1778, 1801,	298, 299, 300, 301	1830, 1837, 1841, 1843,
1804, 1819, 1834, 1853,		
1868, 1883, 1967, 2101,	\DeclareMathOperator 1095, 1097	1845, 1856, 1860, 1862,
2267, 2269, 2271, 2272,	\DeclareOption $12, 13, 17, 21,$	1864, 1871, 1875, 1877,
2273, 2274, 2275, 2276,	25, 29, 33, 37, 41, 45,	1879, 1886, 1890, 1892,
2277, 2278, 2279, 2281,	49, 54, 55, 60, 61, 67,	1894, 1897, 1899, 1969,
	68, 72, 73, 78, 79, 84,	1971, 1974, 1977, 1979,
2282, 2284, 2285, 2312,	85, 89, 90, 94, 95, 99,	1986, 1988, 1991, 1994,
2314, 2315, 2316, 2317,		
2318, 2319, 2320, 2321	100, 105, 106, 111, 112,	1996, 2003, 2005, 2008,
\cmdtxtpar 397 , 408	116, 121, 122, 127, 128, 131	2011, 2013, 2020, 2022,
\cmdtxtparabr <u>564</u>	\DeclareRobustCommand 306,	2025, 2028, 2030, 2037,
\cmdtxtparcom <u>591</u>	312, 318, 324, 330, 336,	2039, 2042, 2045, 2047,
\Cmutxtparcom <u>591</u>		
	342, 348, 354, 360, 366,	2054, 2056, 2059, 2062,
\cmdtxtpardef $\underline{551}$	342, 348, 354, 360, 366, 369, 371, 373, 375, 377	2054, 2056, 2059, 2062, 2064, 2071, 2073, 2076
	369, 371, 373, 375, 377,	2064, 2071, 2073, 2076,
\cmdtxtpardef $\underline{551}$	369, 371, 373, 375, 377, 379, 382, 387, 392, 397,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090,
$\begin{array}{llllllllllllllllllllllllllllllllllll$	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103,
$\begin{array}{llllllllllllllllllllllllllllllllllll$	369, 371, 373, 375, 377, 379, 382, 387, 392, 397,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113,
$\begin{array}{llllllllllllllllllllllllllllllllllll$	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128,
$\begin{array}{llllllllllllllllllllllllllllllllllll$	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2179, 2181,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \coloneqq 915	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2193, 2196,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \coloneqq 915 \com@false 56, 77, 79	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2179, 2181,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2193, 2196,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2179, 2181, 2188, 2190, 2193, 2196, 2198, 2205, 2207, 2210, 2213, 2215, 2222, 2224,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2179, 2181, 2188, 2190, 2193, 2196, 2198, 2205, 2207, 2210, 2213, 2215, 2222, 2224, 2227, 2230, 208, 2098, 2090, 2000, 2
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \com@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2179, 2181, 2188, 2190, 2193, 2196, 2198, 2205, 2207, 2210, 2213, 2215, 2222, 2224,
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@ftrue 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955,	2064, 2071, 2073, 2076, 2079, 2081, 2088, 2090, 2093, 2096, 2098, 2103, 2105, 2108, 2111, 2113, 2120, 2122, 2125, 2128, 2130, 2137, 2139, 2142, 2145, 2147, 2154, 2156, 2159, 2162, 2164, 2171, 2173, 2176, 2179, 2181, 2188, 2190, 2193, 2196, 2198, 2205, 2207, 2210, 2213, 2215, 2222, 2224, 2227, 2230, 2232, 2239, 2241, 2244, 2247, 2249
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966,	$\begin{array}{c} 2064,2071,2073,2076,\\ 2079,2081,2088,2090,\\ 2093,2096,2098,2103,\\ 2105,2108,2111,2113,\\ 2120,2122,2125,2128,\\ 2130,2137,2139,2142,\\ 2145,2147,2154,2156,\\ 2159,2162,2164,2171,\\ 2173,2176,2179,2181,\\ 2188,2190,2193,2196,\\ 2198,2205,2207,2210,\\ 2213,2215,2222,2224,\\ 2227,2230,2232,2239,\\ 2241,2244,2247,2249\\ \end{array}$ $\begin{array}{c} \text{\column{2}} \end{tabular}$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \ConStr 1533	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \ConStr 1533 \constr 1533, 1534	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966,	$\begin{array}{c} 2064,2071,2073,2076,\\ 2079,2081,2088,2090,\\ 2093,2096,2098,2103,\\ 2105,2108,2111,2113,\\ 2120,2122,2125,2128,\\ 2130,2137,2139,2142,\\ 2145,2147,2154,2156,\\ 2159,2162,2164,2171,\\ 2173,2176,2179,2181,\\ 2188,2190,2193,2196,\\ 2198,2205,2207,2210,\\ 2213,2215,2222,2224,\\ 2227,2230,2232,2239,\\ 2241,2244,2247,2249\\ \end{array}$ $\begin{array}{c} \text{\column{2}} \end{tabular}$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \ConStr 1533 \constr 1533, 1534 \consym 1508, 1510	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \ConStr 1533 \constr 1533, 1534	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \hline \\ \label{eq:decommandx} \\ \begin{array}{c} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \ConStr 1533 \constr 1533, 1534 \consym 1508, 1510	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \hline \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \coloneqq 915 \com@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506 \consig 1506 \constr 1533 \constr 1533 \consym 1508, 1510 \contd 901 \contd 893	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506 \constr 1533 \constr 1533 \consym 1508, 1510 \contd 901 \contd 893 \Continue 2390	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \hline \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506 \consig 1533 \constr 1533, 1534 \consym 1508, 1510 \Contd 901 \contd 893 \Continue 2390 \coWCL 1645	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \hline \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \ConStr 1533 \constr 1533, 1534 \consym 1508, 1510 \Contd 901 \contd 893 \Continue 2390 \coWCL 1645 \coWCL 1657	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, 1057, 1059, 1061,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \hline \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506 \consig 1533 \constr 1533, 1534 \consym 1508, 1510 \Contd 901 \contd 893 \Continue 2390 \coWCL 1645	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \hline \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \ConStr 1533 \constr 1533, 1534 \consym 1508, 1510 \Contd 901 \contd 893 \Continue 2390 \coWCL 1645 \coWCL 1657	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, 1057, 1059, 1061,	$\begin{array}{c} 2064,\ 2071,\ 2073,\ 2076,\ \\ 2079,\ 2081,\ 2088,\ 2090,\ \\ 2093,\ 2096,\ 2098,\ 2103,\ \\ 2105,\ 2108,\ 2111,\ 2113,\ \\ 2120,\ 2122,\ 2125,\ 2128,\ \\ 2130,\ 2137,\ 2139,\ 2142,\ \\ 2145,\ 2147,\ 2154,\ 2156,\ \\ 2159,\ 2162,\ 2164,\ 2171,\ \\ 2173,\ 2176,\ 2179,\ 2181,\ \\ 2188,\ 2190,\ 2193,\ 2196,\ \\ 2198,\ 2205,\ 2207,\ 2210,\ \\ 2213,\ 2215,\ 2222,\ 2224,\ \\ 2227,\ 2230,\ 2232,\ 2239,\ \\ 2241,\ 2244,\ 2247,\ 2249 \\ \hline \\ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \coloneqq 915 \com@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \Consig 1506 \consig 1506 \consig 1506 \constr 1533 \constr 1533 \consym 1508, 1510 \contd 901 \contd 893 \continue 2390 \coWCL 1645 \coWMPL 1680	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, 1057, 1059, 1061, 1063, 1065, 1067, 1069, 1071, 1073, 1076, 1085,	$\begin{array}{c} 2064, 2071, 2073, 2076, \\ 2079, 2081, 2088, 2090, \\ 2093, 2096, 2098, 2103, \\ 2105, 2108, 2111, 2113, \\ 2120, 2122, 2125, 2128, \\ 2130, 2137, 2139, 2142, \\ 2145, 2147, 2154, 2156, \\ 2159, 2162, 2164, 2171, \\ 2173, 2176, 2179, 2181, \\ 2198, 2205, 2207, 2210, \\ 2213, 2215, 2222, 2224, \\ 2227, 2230, 2232, 2239, \\ 2241, 2244, 2247, 2249 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \con@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \ConSig 1506 \consig 1506, 1507 \Constr 1533 \constr 1533, 1534 \consym 1508, 1510 \Contd 901 \contd 893 \Continue 2390 \coWCL 1645 \coWMCL 1667 \coWMSO 1603 \coWMSOL 1601	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, 1057, 1059, 1061, 1063, 1065, 1067, 1069, 1071, 1073, 1076, 1085, 1087, 1089, 1092, 1113,	$\begin{array}{c} 2064, 2071, 2073, 2076, \\ 2079, 2081, 2088, 2090, \\ 2093, 2096, 2098, 2103, \\ 2105, 2108, 2111, 2113, \\ 2120, 2122, 2125, 2128, \\ 2130, 2137, 2139, 2142, \\ 2145, 2147, 2154, 2156, \\ 2159, 2162, 2164, 2171, \\ 2173, 2176, 2179, 2181, \\ 2188, 2190, 2193, 2196, \\ 2198, 2205, 2207, 2210, \\ 2213, 2215, 2222, 2224, \\ 2227, 2230, 2232, 2239, \\ 2241, 2244, 2247, 2249 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
\cmdtxtpardef 551 \cmdtxtparname 578 \cmodels 935 \cmp 1089 \cnf 1475 \Cnt 1463 \cod 1079 \coimplies 930 \Coloneqq 915 \coloneqq 915 \com@false 56, 77, 79 \com@true 78 \Complete 1237 \conset 1509, 1510 \Consig 1506 \consig 1506 \consig 1506 \constr 1533 \constr 1533 \consym 1508, 1510 \Contd 901 \contd 893 \Continue 2390 \coWCL 1645 \coWMPL 1680 \coWMSO 1603	369, 371, 373, 375, 377, 379, 382, 387, 392, 397, 402, 407, 419, 425, 431, 437, 443, 449, 455, 461, 467, 473, 479, 482, 484, 486, 488, 490, 495, 498, 501, 504, 507, 510, 544, 557, 571, 584, 603, 617, 631, 645, 659, 673, 693, 707, 721, 735, 766, 768, 775, 781, 795, 810, 824, 910, 914, 917, 919, 922, 924, 926, 928, 930, 932, 935, 937, 939, 941, 944, 946, 948, 951, 953, 955, 957, 959, 961, 963, 966, 970, 972, 974, 980, 982, 984, 990, 992, 994, 1000, 1002, 1004, 1010, 1012, 1014, 1020, 1022, 1024, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, 1057, 1059, 1061, 1063, 1065, 1067, 1069, 1071, 1073, 1076, 1085,	$\begin{array}{c} 2064, 2071, 2073, 2076, \\ 2079, 2081, 2088, 2090, \\ 2093, 2096, 2098, 2103, \\ 2105, 2108, 2111, 2113, \\ 2120, 2122, 2125, 2128, \\ 2130, 2137, 2139, 2142, \\ 2145, 2147, 2154, 2156, \\ 2159, 2162, 2164, 2171, \\ 2173, 2176, 2179, 2181, \\ 2198, 2205, 2207, 2210, \\ 2213, 2215, 2222, 2224, \\ 2227, 2230, 2232, 2239, \\ 2241, 2244, 2247, 2249 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$

585, 587, 589, 591, 593,	$\texttt{DExpSpace}(\texttt{E/H/C}) \dots \underline{1255}$	\EFDGSL 2162
605, 607, 609, 611, 613,	\DExpTime(E/H/C) <u>1254</u>	\EFEGPL 2062
619, 621, 623, 625, 627,	\DF 1542	\EFEGSL 2196
633, 635, 637, 639, 641,	\DFA \	\EFNGSL 2230
647, 649, 651, 653, 655,	\DGPL 2017, 2021, 2023, 2026	\EFOGPL 1994
	\DGSL 2151, 2155, 2157, 2160	
661, 663, 665, 667, 669,	, , , , , , , , , , , , , , , , , , , ,	\EFOGSL 2128
675, 677, 679, 681, 683,	\Diamond 1701	\EFPL 1977
685, 695, 697, 699, 701,	\DirSet 2325	\EFSL 2111
703, 709, 711, 713, 715,	\dirset 2326, 2327	\EFXGPL 2096
717, 723, 725, 727, 729,	\dirsym 2325, 2327	\EFXGSL 2247
731, 737, 739, 741, 743,	\Divideetimpera 874	\EG 1400
745, 748, 751, 754, 757,	\divideetimpera $\dots $ 853	\Eg
760, 769, 771, 776, 783,	\DLH <u>1260</u>	\eg 854
785, 787, 789, 791, 797,	\DLogSpace(E/H/C) <u>1249</u>	<u> </u>
799, 801, 803, 805, 812,	\DLogTime(E/H/C) 1248	\EGPL 2051, 2055, 2057, 2060
814, 816, 818, 820, 826,	\DMod <u>1701</u> , 1706, <u>1708</u>	\EGSL 2185, 2189, 2191, 2194
828, 830, 832, 834, 1216,	\dnf 1475	\ELH <u>1262</u>
1218, 1221, 1227, 1232,		\else 153, 155, 164, 270, 284
	\do	\ELTL 1783
1234, 1983, 2000, 2017,	\dom	\em 544, 557
2034, 2051, 2068, 2085,	\DontPrintSemicolon 2377	\EMC 1742
2117, 2134, 2151, 2168,	\dotcheck <u>842</u>	\EML
2185, 2202, 2219, 2236	\downarrow 1086	
\DecSet <u>1927</u>	\DownTo <u>2387</u>	\empchk <u>152,</u> 158, 160,
\decset 1928, 1929	\DPSpace(E/H/C) <u>1251</u>	162, 175, 367, 480, 688, 690
\decsym 1927, 1929	\DPTime(E/H/C) 1250	\emptyfun $\underline{1092}$
\Dedicto 871	\DQPSpace(E/H/C) 1253	\emptyrel <u>1076</u>
<u> </u>	\DQPTime(E/H/C) 1252	\emptyseq <u>1200</u>
\dedicto <u>850</u>	\DSpace(E/H/C) 1247	\emptyset 1898, 1900
\def 492	\DTA 2312	\endcsname 174, 175, 176, 177,
\Defacto <u>872</u>		178, 179, 180, 185, 189,
\defacto <u>851</u>	\DTime(E/H/C) <u>1246</u>	385, 386, 390, 391, 395,
\defcomcls $\dots \dots 1216$,	\dual <u>951</u>	396, 400, 401, 405, 406,
1241, 1242, 1243, 1244	_	
	${f E}$	413, 414, 422, 424, 516, 517
\defcomclsgrp	\E	\endinput 2402
\defcomclsgrp <u>1218, 1246, 1247,</u>	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	
\defcomclsgrp <u>1218</u> , 1246, 1247, 1248, 1249, 1250, 1251,	\E	\endinput 2402
\defcomclsgrp	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\endinput
\defcomclsgrp	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\defcomclsgrp	\E	\endinput
\defcomclsgrp	\E \ \ \text{1848} \ \text{\text{EAFMC}} \ \ \text{1758} \ \text{\text{EAGPL}} \ \ \ \text{2037} \ \text{\text{\text{EAGSL}}} \ \ \ \ \ \text{2171} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp	\E \ \ \text{1848} \ \text{\text{EAFMC}} \ \ \text{1758} \ \ \text{\text{EAGPL}} \ \ \ \text{2037} \ \ \ \text{\text{EAGSL}} \ \ \ \ \ \ \text{2171} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp	\E \ \frac{1848}{\EAFMC} \ \frac{1758}{2037} \ \frac{\EAGSL}{\EAGSL} \ \frac{2171}{\Easy} \ \frac{1237}{\EATL} \ \frac{\EATLP}{\EATLS} \ \ \frac{1862}{1892} \ \frac{1877}{\EATLS} \ \ \frac{1892}{\EATLS} \ \ \frac{1892}{\EATLS} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp	\E \ \ \frac{1848}{\EAFMC} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp	\E \ \ \frac{1848}{\EAFMC} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp	\E \ \ \frac{1848}{\EAFMC} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \frac{1848}{\EAFMC} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp 1218, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255 \defcomclsgrpcmd 1228, 1229, 1230, 1231, 1232 \defcomclsgrpred 1222, 1223, 1224, 1225, 1226, 1227 \defcomclsgrpsem 1219, 1220, 1221 \defcomhrc 1234, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265 \defeq 910	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255 \defcomclsgrpcmd 1228, 1229, 1230, 1231, 1232 \defcomclsgrpred 1222, 1223, 1224, 1225, 1226, 1227 \defcomclsgrpsem 1219, 1220, 1221 \defcomhrc 1234, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265 \defeq 910 \defval	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{array}{c} \text{ \begin{tabular}{llll} $\operatorname{defcomclsgrp} & \dots & \dots & \underline{1218}, 1246, 1247, \\ & & & & & 1248, 1249, 1250, 1251, \\ & & & & & 1252, & 1253, & 1254, & 1255 \\ \textbf{ \end{tabular}} & & & & & 1228, \\ & & & & & & 1229, & 1230, & 1231, & 1232 \\ \textbf{ \end{tabular}} & & & & & & 1222, & 1223, \\ & & & & & & & 1224, & 1225, & 1226, & 1227 \\ \textbf{ \end{tabular}} & & & & & & & 1219, & 1220, & 1221 \\ \textbf{ \end{tabular}} & & & & & & & & 1234, & 1257, \\ & & & & & & & & 1258, & 1259, & 1260, & 1261, \\ & & & & & & & & 1262, & 1263, & 1264, & 1265 \\ \textbf{ \end{tabular}} & & & & & & & & & 154, \\ \textbf{ \end{tabular}} & & & & & & & & & 154, \\ & & & & & & & & & & & 154, \\ & & & & & & & & & & & 154, \\ & & & & & & & & & & & & 154, \\ & & & & & & & & & & & & & 154, \\ & & & & & & & & & & & & & 154, \\ & & & & & & & & & & & & & & 154, \\ & & & & & & & & & & & & & & 154, \\ & & & & & & & & & & & & & & 154, \\ & & & & & & & & & & & & & & & 154, \\ & & & & & & & & & & & & & & & & & & $	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{array}{c} \text{ \begin{tabular}{llll} $\operatorname{defcomclsgrp} & \dots & \dots & \underline{1218}, 1246, 1247, \\ & 1248, 1249, 1250, 1251, \\ & 1252, 1253, 1254, 1255 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomclsgrpcmd} & \dots & 1228, \\ & 1229, 1230, 1231, 1232 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomclsgrpred}$ & 1222, 1223, \\ & 1224, 1225, 1226, 1227 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomclsgrpsem}$ & \dots & \dots & 1219, 1220, 1221 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomhrc}$ & \dots & \underline{1234}, 1257, \\ & 1258, 1259, 1260, 1261, \\ & 1262, 1263, 1264, 1265 \\ \textbf{ \begin{tabular}{llll} defeq & \dots & \dots & \underline{910} \\ \textbf{ \end{tabular} \\ \textbf{ \end{tabular} } \\ \textbf{ \end{tabular} \\ \textbf{ \end{tabular} } \\ \textbf{ \end{tabular} \\ \textbf{ \end{tabular} } \\ \textbf{ \end{tabular} } \\ \textbf{ \end{tabular} \\ \textbf{ \end{tabular} } \\ \textbf{ \end{tabular} }$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{array}{c} \text{ \begin{tabular}{llll} $\operatorname{defcomclsgrp} & \dots & \dots & \underline{1218}, 1246, 1247, \\ & 1248, 1249, 1250, 1251, \\ & 1252, 1253, 1254, 1255 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomclsgrpcmd} & \dots & 1228, \\ & 1229, 1230, 1231, 1232 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomclsgrpred}$ & 1222, 1223, \\ & 1224, 1225, 1226, 1227 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomclsgrpsem}$ & \dots & \dots & 1219, 1220, 1221 \\ \textbf{ \begin{tabular}{llll} $\operatorname{defcomhrc}$ & \dots & 1234, 1257, \\ & 1258, 1259, 1260, 1261, \\ & 1262, 1263, 1264, 1265 \\ \textbf{ \begin{tabular}{llll} defeq & \dots & \dots & 910 \\ \textbf{ \defeq}$ & \dots & \dots & 910 \\ \textbf{ \defval}$ & \dots & \dots & 154, \\ & & 315, 317, 327, 329, 339, \\ & 341, 351, 353, 363, 365, \\ & 413, 414, 428, 430, 440, \\ & 442, 452, 454, 464, 466, \\ & 476, 478, 516, 517, 688, \\ & 690, 1068, 1072, 1074, \\ \end{tabular}$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{array}{c} \text{ \begin{tabular}{llll} $\operatorname{defcomclsgrp}$ & \dots & 1218, 1246, 1247, \\ & 1248, 1249, 1250, 1251, \\ & 1252, 1253, 1254, 1255 \\ & 1259, 1230, 1231, 1232 \\ & 1229, 1230, 1231, 1232 \\ & 1224, 1225, 1226, 1227 \\ & 1224, 1225, 1226, 1227 \\ & 1224, 1225, 1226, 1227 \\ & 1258, 1259, 1260, 1261, \\ & 1262, 1263, 1264, 1265 \\ & 1262, 1263, 1264, 1265 \\ & 1264, 1262, 1263, 1264, 1265 \\ & 1264, 1263, 1264, 1265 \\ & 1264, 1263, 1264, 1265 \\ & 1264, 1263, 1264, 1265 \\ & 1264, 1263, 1264, 1265 \\ & 1264, 1263, 1264, 1265 \\ & 1264, 1265, 1264, 1265 \\ & 1264, 1265, 1264, 1265 \\ & 1264, 1265, 1264, 1265 \\ & 1264, 1265, 1264, 1265 \\ & 1264, 1266, 1264, 1265 \\ & 1264, 1266, 1264, 1265 \\ & 1264, 1266, 1264, 1265 \\ & 1264, 1266, 1264, 1266 \\ & 1264, 1266, 1264, 1266 \\ & 1264, 1266, 1266, 1266 \\ & 1264, 1266, 1266, 1266 \\ & 1264, 1266, 1266, 1266 \\ & 1264, 1266, 1266, 1266 \\ & 1264, 1266, 1266 \\ & 1$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput
\defcomclsgrp \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\endinput

\EOGPL 1986	\flat 2252	н
\EOGSL	\floor 1173	\H 1795
\EPL	\FNGSL 2227, 2231, 2233	\Hard 1237
\EPTL 1772	\fnttls@false 37	\HstSet 1341, 1939
\equiv 940, 942	\fnttls@true 36	\hstset <u>1541</u> , <u>1559</u>
. •	\F0 1497	-
		1342, 1343, 1344, 1346,
\Errata <u>876</u> \errata <u>856</u>	\FOGPL 1991, 1995, 1997	1940, 1941, 1942, 1944 \hstsym
\Erratum 877	\FOGSL 2125, 2129, 2131 \FOL	1341, 1343, 1345, 1347,
\erratum 857	\footnotesize 1489	1939, 1941, 1943, 1945
\esc	\forall 1434, 1456,	\hypersetup 248
\ESL	1466, 1467, 1698, 1745,	\hypref@false 33
\etal 858	1761, 1775, 1786, 1816,	\hypref@true 32
\etc 859	1831, 1846, 1865, 1880,	Anyprerective
\evn	1895, 1972, 1980, 1989,	I
\EvnSym	1997, 2006, 2014, 2023,	\ie 860
\evnsym 1390, 1391	2031, 2040, 2048, 2057,	\IF
\ExecuteOptions 133	2065, 2074, 2082, 2091,	\if 153, 155, 164
\EXGPL 2088	2099, 2106, 2114, 2123,	\if@twocolumn 137, 282
\EXGSL	2131, 2140, 2148, 2157,	\ifalg@ 126, 2375
\exists 1432, 1454,	2165, 2174, 2182, 2191,	\ifamsdef@ 16, 221
1466, 1467, 1696, 1743,	2199, 2208, 2216, 2225,	\ifamsthm@ 20, 229
1759, 1773, 1784, 1814,	2233, 2242, 2250, 2395	\ifaut@ 98, 2265
1829, 1844, 1863, 1878,	\FPCub 1241	\ifaux@ 11, 219
1893, 1970, 1978, 1987,	\FPL 1974, 1978, 1980	\ifchgbar@ 44, 275
1995, 2004, 2012, 2021,	\FPLin 1241	\ifcom@ 77, 1215
2029, 2038, 2046, 2055,	\FPQdr \\ \frac{1241}{1241}	\ifcrv@ 40, 265
2063, 2072, 2080, 2089,	\FPT 1241	\ifcsdef 137
2097, 2104, 2112, 2121,	\free <u>1471</u>	\ifdef 298, 299, 300, 301
2129, 2138, 2146, 2155,	\frm@false 104, 106	\ifenmtls@ $28, 240$
2163, 2172, 2180, 2189,	\frm@true 105	\ifexclavar . $\underline{168}$, 307 , 313 ,
2197, 2206, 2214, 2223,	\From <u>2387</u>	319, 325, 331, 337, 343,
2231, 2240, 2248, 2394	\FSL 2108, 2112, 2114	349, 355, 361, 370, 372,
\expandafter	\fst <u>1208</u>	374, 376, 378, 384, 389,
174, 176, 179, 184, 188	\Function	394, 399, 404, 412, 420,
\ExpSpace(E/H/C) <u>1255</u>	\funset 1515, 1516	426, 432, 438, 444, 450,
$\texttt{ExpTime}(\texttt{E/H/C}) \dots \underline{1254}$	\FunSig	456, 462, 468, 474, 483,
\Exs <u>1703</u>	\funsig 1512, 1513	485, 487, 489, 491, 497,
\ExsGuess <u>2393</u>	\FunStr <u>1535</u>	500, 503, 506, 509, 515,
.	\funstr 1535, 1536	945, 973, 975, 983, 985,
F 2040 2046 2046	\funsym 1514, 1516	993, 995, 1003, 1005,
\FAGPL 2042, 2046, 2048	\FVarSet <u>1606</u>	1013, 1015, 1023, 1025,
\FAGSL 2176, 2180, 2182	\fvarset 1607, 1608	1034, 1036, 1044, 1046,
\False	\frac{1606}{1608}	1054, 1060, 1070, 1162,
\FBGPL 2076, 2080, 2082 \FBGSL 2210, 2214, 2216	\FXGPL 2093, 2097, 2099	1168, 1174, 1180, 1203
\FCGPL 2210, 2214, 2210	\FXGSL 2244, 2248, 2250	\iffig@ 110, 2346
\FCGSL 2142, 2146, 2148	${f G}$	\iffnttls@ 36, 260
\FDGPL 2025, 2029, 2031	\gam@false 56, 62, 88, 90	\iffrm@ 104, 2338
\FDGSL 2159, 2163, 2165	\gam@true 89	\ifgam@ 88, 1294
\FEGPL 2059, 2063, 2065	\Game 1333	\ifgrp@ 83, 1271
\FEGSL 2193, 2197, 2199	\GameName	\ifhypref@ 32, 245
\Ff	\gamename 1333, 1334	\iflinnum@ 48, 280
\ffsym 1440 , $\overline{1441}$	\gcd 1197	\iflog@ 93, 1423
\fi 153,	\GFG 2279	\ifmth@ 71, 908
155, 164, 227, 232, 238,	\gfp <u>1101</u>	\ifmthgen@ 59, 600
243, 258, 263, 278, 286,	\GMC <u>1732</u>	\ifp <u>1101</u>
287, 291, 293, 595, 836,	\GML <u>1685</u>	\ifquestvar <u>170</u>
903, 1210, 1266, 1289,	\GoTo	\ifstarvar <u>166</u> , 911, 915, 960,
1418, 2260, 2333, 2341,	\grp@false 83, 85	967, 971, 981, 991, 1001,
2362, 2363, 2370, 2400	\grp@true 84	1011,1021,1032,1042,
\fig@false 110, 112	\GrpName	1052, 1066, 1704, 1710
\fig@true 111	\grpname 1273, 1274	\iftab@ 120, 2368
\fix <u>1101</u>	\Guess <u>2393</u>	\ifthmtls@ 24, 234

\iftxt@ 66, 841	\LImp <u>1450</u>	\MovRel <u>1331</u>
\iftxtgen@ 53, 541	\limp 917	\movRel 1930
\ifwrpfig@ 115, 2359	-	
	\limpsym 1450, 1451	\movrel 1331, 1332
\iht <u>895</u>	\linenumbers 283, 285	\movsym 1930, 1931, 1932
\img <u>1079</u>	\linnum@false 48	\MPL 1672, 1677, 1681
\implied 926	\linnum@true 49	\MSO 1591, 1598, 1604
-	•	
\implies <u>922</u>	\llbracket 947, 949	\MSOL 1589, 1596, 1602
\inf <u>1195</u>	\llcorner 1098	\mth $\frac{482}{947}$,
\infty 1120, 1124, 1126,	\LNeg 1442	$949, 952, 954, \overline{956}, 958,$
1128, 1132, 1134, 1136,	\lnegsym 1442, \overline{1443}	
	9 0	962, 964, 968, 969, 976,
1140, 1142, 1144, 1148	\LNot <u>1442</u>	977, 978, 979, 986, 987,
\int <u>1365</u>	\lnotsym 1444, 1445	988, 989, 996, 997, 998,
\interdisplaylinepenalty 226	\log@false 56, 62, 93, 95	999, 1006, 1007, 1008,
\itr 183, 184, 185, 187, 188, 189	\log@true	1009, 1016, 1017, 1018,
	\LogSig	1019, 1026, 1027, 1028,
\mathbf{K}	\logsig 1436, 1437	1029, 1038, 1040, 1048,
\kern 1099	\LogSpace(E/H/C) <u>1249</u>	1050, 1056, 1058, 1062,
\KrpStr 1716		
-	\LogStr <u>1480</u>	1064, 1068, 1077, 1093,
\krpstr 1716, 1717	\logstr 1480, 1481	1151, 1153, 1155, 1157,
	\LogTime(E/H/C) <u>1248</u>	1159, 1164, 1166, 1170,
${f L}$	\lor 1448	
\LAA11 1566		1172, 1176, 1178, 1182,
	\lowercase 688, 690	1184, 1201, 1205, 1207,
\laallsym 1568, 1569	\lst <u>1208</u>	1260, 1261, 1262, 1263,
\labFun	\LTL 1766	1264, 1265, 1706, 1708,
\labsym 1725, 1726	\lVert 1170, 1172	
•		1712, 1714, 1898, 1900
\LA11 <u>1454</u>	\lvert 1062, 1064,	\mth@false 62, 71, 73
\lallsym 1456, 1457	1164, 1166, 1205, 1207	\mth@true 72
\Lambda 2326		101
\lambda 1725	\mathbf{M}	<u>—</u>
\land 1446		\mthargcls <u>629</u>
•	\Macro <u>2381</u>	\mthargelm
\Lang <u>2310</u>	\mathaccent 962	\mthargfam 615
\langle $1006, 1007,$	\mathbbo 298	
1008 1009 1016 1017	\mathhin 768	
1008, 1009, 1016, 1017,	\mathbin	\mthargfun \frac{705}{1072}, \text{1074}
1018, 1019, 1708, 1898	\mathcal 603	\mthargfun 705 , 1072 , 1074
		$\label{eq:mathargfun} $$ \mbox{ mthargfun } \dots \frac{705}{1072}, 1072, 1074 \\ \mbox{ mthargmat } \dots \dots \dots \frac{808}{1000} $$$
1018, 1019, 1708, 1898	\mathcal 603	$\begin{array}{llllllllllllllllllllllllllllllllllll$
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 631 \mathfrak 659	$\begin{array}{llllllllllllllllllllllllllllllllllll$
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 659 \mathit 659	$\begin{array}{llllllllllllllllllllllllllllllllllll$
1018, 1019, 1708, 1898 \LaTex	\mathcal	\mthargfun
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 659 \mathit 659	\mthargfun
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{691} \mthargset \frac{671}{674} \mthargsig \frac{643}{779} \mthargsnt \frac{779}{779}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645	\mthargfun
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{691} \mthargset \frac{671}{674} \mthargsig \frac{643}{779} \mthargsnt \frac{779}{779}
1018, 1019, 1708, 1898 \LaTex . 764, 773 \lbrace . 1038, 1040, 1048, 1050 \lceil . 1182, 1184 \lcm . 1197 \LCoi . 1450 \lcoisym . 1452, 1453 \LCon . 1446	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargsym 719
1018, 1019, 1708, 1898 \LaTex 764, 773 \lbrace 1038, 1040, 1048, 1050 \lceil 1182, 1184 \lcm 1197 \LCoi 1450 \lcoisym 1452, 1453 \LCon 1446 \lconsym 1446, 1447	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822
1018, 1019, 1708, 1898 \LaTex . 764, 773 \lbrace . 1038, 1040, 1048, 1050 \lceil . 1182, 1184 \lcm . 1197 \LCoi . 1450 \lcoisym . 1452, 1453 \LCon . 1446	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822 \mthcls 629
1018, 1019, 1708, 1898 \LaTex 764, 773 \lbrace 1038, 1040, 1048, 1050 \lceil 1182, 1184 \lcm 1197 \LCoi 1450 \lcoisym 1452, 1453 \LCon 1446 \lconsym 1446, 1447 \LDis 1446	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617 \mathsf 707, 781, 810	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822 \mthcls 629
1018, 1019, 1708, 1898 \LaTex 764, 773 \lbrace 1038, 1040, 1048, 1050 \lceil 1182, 1184 \lcm 1197 \LCoi 1450 \lcoisym 1452, 1453 \LCon 1446 \lconsym 1446, 1447 \LDis 1446 \ldissym 1448, 1449 \LEExs 1566	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargsym 719 \mthargvec 822 \mthcls 629 \mthelm 733 \mthfam 615
1018, 1019, 1708, 1898 \LaTex 764, 773 \lbrace 1038, 1040, 1048, 1050 \lceil 1182, 1184 \lcm 1197 \LCoi 2450 \lcoimp 917 \lcoisym 1452, 1453 \LCon 1446 \lconsym 1446, 1447 \LDis 1446, 1449 \LEExs 1566, 1567	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822 \mthcls 629 \mthfam 615 \mthfrm 793
1018, 1019, 1708, 1898 \LaTex 764, 773 \lbrace 1038, 1040, 1048, 1050 \lceil 1182, 1184 \lcm 1197 \LCoi 1450 \lcoisym 1452, 1453 \LCon 1446 \lconsym 1446, 1447 \LDis 1446 \ldissym 1448, 1449 \LEExs 1566	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822 \mthcls 629 \mthfam 615 \mthfrm 793 \mthfun 705
1018, 1019, 1708, 1898 \LaTex 764, 773 \lbrace 1038, 1040, 1048, 1050 \lceil 1182, 1184 \lcm 1197 \LCoi 1450 \lcoimp 917 \lcoisym 1452, 1453 \LCon 1446 \lconsym 1446, 1447 \LDis 1446, 1448, \ldissym 1448, 1449 \LEExs 1566, 1567 \leexssym 1566, 1567 \left 434, 458, 947, 976, 978,	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \MaxSym 1409	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822 \mthcls 629 \mthfam 615 \mthfrm 793
1018, 1019, 1708, 1898 \LaTex 764, 773 \lbrace 1038, 1040, 1048, 1050 \lceil 1182, 1184 \lcm 1197 \LCoi 2150 \lcoimp 917 \lcoisym 1452, 1453 \LCon 1446 \lconsym 1446, 1447 \LDis 1446, 1448 \ldissym 1448, 1449 \LEExs 1566, 1567 \leexssym 1566, 978, 986, 988, 996, 998, 1006,	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxSym 1409 \maxsym 1409, 1410	\mthargfun 705, 1072, 1074 \mthargmat 808 \mthargname 601 \mthargrel 691 \mthargset 671, 674 \mthargsig 643 \mthargsnt 779 \mthargstr 657 \mthargsym 719 \mthargvec 822 \mthcls 629 \mthfam 615 \mthfrm 793 \mthfun 705 \mthgen@false 59, 62
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 707, 781, 810 \mathstr 707, 781, 810 \mathtt 721 \max 1191 \maxSym 1409 \maxsym 1409, 1410 \MC 1732	\mthargfun
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 707, 781, 810 \mathstr 707, 781, 810 \mathtt 721 \max 1191 \maxSym 1409, 1410 \MC 1732 \MCL 1649, 1654, 1658	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{657}{79} \mthargstr \frac{657}{79} \mthargsym \frac{719}{719} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{793} \mthfam \frac{615}{793} \mthfun \frac{793}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 707, 781, 810 \mathstr 707, 781, 810 \mathtt 721 \max 1191 \maxSym 1409 \maxsym 1409, 1410 \MC 1732	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{657}{657} \mthargstr \frac{657}{19} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthfim \frac{733}{793} \mthfrm \frac{615}{793} \mthfun \frac{793}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{764}, 912, 913, 915,
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathref{mathscr} 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxSym 1409 \maxsym 1409 \maxsym 1409, 1410 \mC 1732 \mCL 1649, 1654, 1658 \mdseries 380, 571, 584	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{657}{79} \mthargstr \frac{657}{79} \mthargsym \frac{719}{719} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{793} \mthfam \frac{615}{793} \mthfun \frac{793}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathref{mathsf} 707, 781, 810 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxSym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1409, 1654, 1658 \mdseries 380, 571, 584 \melse 2396	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{657}{657} \mthargstr \frac{657}{19} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthfim \frac{733}{793} \mthfrm \frac{615}{793} \mthfun \frac{793}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{764}, 912, 913, 915,
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathrm 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \MaxSym 1409 \maxsym 1409 \maxsym 1409 \mcl 1732 \mcl 1649, 1654, 1658 \mdseries 380, 571, 584 \mclse 2396 \mclseIf 2396	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{19} \mthargstr \frac{657}{19} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{733} \mthfam \frac{615}{15} \mthfrm \frac{793}{705} \mthgen@false \frac{59}{62} \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{764}, 912, 913, 915, 918, 920, 1086, 1088, 1090 \mthlrel
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \MaxSym 1409 \maxsym 1409, 1410 \MC 1732 \MCL 1649, 1654, 1658 \mdseries 380, 571, 584 \MElse 2396 \MElseIf 2396 \MFO 1496	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{19} \mthargstr \frac{657}{19} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{733} \mthfam \frac{615}{15} \mthfrm \frac{793}{793} \mthfun \frac{793}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{912}, 913, 915, 918, 920, 1086, 1088, 1090 \mthlrel \frac{773}{3923}, 925, 927, 929,
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxsym 1409 \maxsym 1409 \maxsym 1409 \mcsym 1232 \mcsym 2396 \mcsym 1496 \mcs	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{19} \mthargstr \frac{657}{19} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{733} \mthfam \frac{615}{15} \mthfun \frac{793}{705} \mthgen@false \frac{59}{62} \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{764}, 912, 913, 915, 918, 920, 1086, 1088, 1090 \mthlrel \frac{773}{73}, 923, 925, 927, 929, 931, 933, 936, 938, 940, 942
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 673 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \MaxSym 1409 \maxsym 1409, 1410 \MC 1732 \MCL 1649, 1654, 1658 \mdseries 380, 571, 584 \MElse 2396 \MElseIf 2396 \MFO 1496	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{19} \mthargstr \frac{657}{19} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{733} \mthfam \frac{615}{15} \mthfrm \frac{793}{793} \mthfun \frac{793}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{912}, 913, 915, 918, 920, 1086, 1088, 1090 \mthlrel \frac{773}{3923}, 925, 927, 929,
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 707, 781, 810 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxsym 1409, 1410 \MC 1732 \MCL 1649, 1654, 1658 \mdseries 380, 571, 584 \MElse 2396 \MElseIf 2396 \MFOL 1496 \MFOL 1494 \middle 1038	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{779} \mthargstr \frac{657}{719} \mthargsym \frac{719}{719} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{733} \mthfam \frac{615}{615} \mthfrm \frac{793}{793} \mthfun \frac{705}{793} \mthgen@false \frac{59}{62} \mthgen@false \frac{59}{62} \mthlbop \frac{764}{64}, 912, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{642} \mthluop \
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 973 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \max 1491 \max 1409 \max 1540 \max 1232 \max 1409 \max 1409 \max 1409 \max 1540 \max 1540 <	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{779} \mthargstr \frac{657}{199} \mthargsym \frac{719}{199} \mthargvec \frac{822}{822} \mthcls \frac{629}{331} \mthfam \frac{615}{15} \mthfrm \frac{733}{793} \mthfun \frac{705}{793} \mthfun \frac{705}{793} \mthgen@false \frac{59}{62} \mthgen@false \frac{59}{62} \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{912}, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{4808} \mthmat \frac{808}{808}
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 973 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1649, 1654, 1658 \matheries 380, 571, 584 \matheries 2396 \maxsym 1496 \maxsym 1496 \maxsym 1494 \maxsym 1494 \maxsym 1494 \maxsym 1496 \maxsym 1496 \maxsym	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{657} \mthargstr \frac{657}{109} \mthargsym \frac{719}{119} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{733} \mthfam \frac{615}{615} \mthfrm \frac{793}{793} \mthfun \frac{705}{705} \mthgen@false \frac{59}{62} \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{912}, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{1090} \mthmat \frac{808}{1090} \mthname \frac{601}{601}
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 707, 781, 810 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1649, 1654, 1658 \matheries 380, 571, 584 \matheries 2396 \matheries 2396 \matheries 2396 \matheries 1494 \middle 1038 \min 1191 \min 1409	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{657} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{793} \mthfun \frac{705}{705} \mthfun \frac{705}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{764}, 912, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{64} \mthmat \frac{808}{808} \mthname \frac{601}{486} \mthoarg \frac{486}{808}
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 973 \mathscr 301, 617 \mathsf 707, 781, 810 \mathtt 721 \max 1191 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1649, 1654, 1658 \matheries 380, 571, 584 \matheries 2396 \maxsym 1496 \maxsym 1496 \maxsym 1494 \maxsym 1494 \maxsym 1494 \maxsym 1496 \maxsym 1496 \maxsym	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{657} \mthargstr \frac{657}{109} \mthargsym \frac{719}{119} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{733} \mthfam \frac{615}{615} \mthfrm \frac{793}{793} \mthfun \frac{705}{705} \mthgen@false \frac{59}{62} \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{912}, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{1090} \mthmat \frac{808}{1090} \mthname \frac{601}{601}
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 973 \mathrid 707, 781, 810 \mathtt 721 \max 1191 \maxxym 1409, 1410 \maxxym 1409, 1410 \mc 1732 \mc 1649, 1654, 1658 \mdseries 380, 571, 584 \mc 2396 \mfO 1496 \mfO 1496 \mfO 1496 \min 1191 \minsym 1409 \minsym 1411, 1412	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{657} \mthargsym \frac{719}{719} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{793} \mthfam \frac{615}{705} \mthfun \frac{705}{705} \mthgen@false \frac{59}{5962} \mthgen@false \frac{59}{5962} \mthlbop \frac{764}{764}, 912, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{764} \mthmat \frac{808}{808} \mthname \frac{601}{490} \mthoarg \frac{486}{490} \mthoarg \frac{490}{490}
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathrif 707, 781, 810 \mathsf 707, 781, 810 \matht 721 \max 1191 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1409 \maxsym 1496 \maxsym 1496 \maxsym 1496 \maxsym 1496 \maxsym 1496 \maxsym 1496 \maxsym 1494 \maxsym 1494 \maxsym 1409 \maxsym 1409	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{19} \mthargstr \frac{657}{19} \mthargsym \frac{719}{19} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{793} \mthfam \frac{615}{15} \mthfun \frac{793}{705} \mthgen@false \frac{59}{59}, 62 \mthgen@false \frac{59}{59}, 62 \mthgen@false \frac{59}{59}, 62 \mthgen@true \frac{60}{72}, 84, 89, 94, 99 \mthlbop \frac{764}{764}, 912, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{486} \mthname \frac{601}{486} \mthoarg \frac{486}{486} \mthoarg \frac{486}{488} \mthoarg \frac{488}{488}
1018, 1019, 1708, 1898 \LaTex	\mathcal 603 \matheus 299, 631 \mathfrak 659 \mathit 693, 795, 824 \mathnormal 735 \mathop 766 \mathpzc 300, 645 \mathrel 775, 1098 \mathrel 775, 1098 \mathring 954 \mathring 954 \mathring 954 \mathring 973 \mathrid 707, 781, 810 \mathtt 721 \max 1191 \maxxym 1409, 1410 \maxxym 1409, 1410 \mc 1732 \mc 1649, 1654, 1658 \mdseries 380, 571, 584 \mc 2396 \mfO 1496 \mfO 1496 \mfO 1496 \min 1191 \minsym 1409 \minsym 1411, 1412	\mthargfun \frac{705}{1072}, 1074 \mthargmat \frac{808}{808} \mthargname \frac{601}{601} \mthargrel \frac{691}{674} \mthargset \frac{671}{674} \mthargsig \frac{643}{643} \mthargsig \frac{643}{657} \mthargstr \frac{657}{657} \mthargsym \frac{719}{719} \mthargvec \frac{822}{822} \mthcls \frac{629}{629} \mthelm \frac{733}{793} \mthfam \frac{615}{705} \mthfun \frac{705}{705} \mthgen@false \frac{59}{5962} \mthgen@false \frac{59}{5962} \mthlbop \frac{764}{764}, 912, 913, 915, \frac{918}{918}, 920, 1086, 1088, 1090 \mthlrel \frac{773}{793}, 923, 925, 927, 929, \frac{931}{931}, 933, 936, 938, 940, 942 \mthluop \frac{764}{764} \mthmat \frac{808}{808} \mthname \frac{601}{490} \mthoarg \frac{486}{490} \mthoarg \frac{490}{490}

\mthparfam <u>615</u>	\newmthsty $425, 483, 497$	1918, 1919, 1944, 1945,
\mthparfrm 793	\newrobustcmd 152, 154, 157,	1956, 1957, 1963, 1964
\mthparfun 705	159, 161, 163, 166, 168,	\oppsym 1316, 1317
\mthparmat 808	170, 173, 182, 186, 191,	\0pr \1700
-		_
\mthparname 601	193, 195, 198, 202, 206,	\out
\mthparrel <u>691</u>	209, 211, 213, 842, 2397	\overline 952, 964
\mthparset <u>671</u> , <u>674</u>	\newtxt <u>306</u> ,	
\mthparsig <u>643</u>	315, 317, 321, 323, 345, 347	P
\mthparsnt 779	\newtxtarg <u>318</u> , 327, 329, 333, 335	\P 1794
\mthparstr 657		\PackageWarning 131
	\newtxtargsty 324, 372, 390, 391	\PDL 1800
\mthparsym <u>719</u>	\newtxtoarg $\underline{330}$, $\underline{339}$, $\underline{341}$	
\mthparvec <u>822</u>	\newtxtoargsty $336, 374, 395, 396$	\Percontra <u>879</u>
\mthrel <u>691</u>	\newtxtopar $354, 363, 365$	\percontra <u>862</u>
\mthset 671, 1114, 1116, 1118,	\newtxtoparsty $360, 378, 405, 406$	\PH <u>1257</u>
1122, 1130, 1138, 1146	\newtxtpar \(\frac{342}{351}\), \(\frac{353}{357}\), \(359\)	\Pi 1264, 1265, 1568
\mthsig <u>643</u>		\pi 1283, 1349, 1727, 1947
	\newtxtparsty \(\frac{348}{210}, \frac{376}{270}, \frac{307}{207},	\PL <u>1614</u> , <u>1966</u>
	\newtxtsty $\underline{312}$, 370, 385, 386	
\mthstr <u>657</u>	$\texttt{NExpSpace}(\texttt{E/H/C}) \dots \underline{1255}$	\playFun <u>1349</u>
\mthsty	\NExpTime(E/H/C) <u>1254</u>	\PlaySet <u>1349</u> , <u>1947</u>
483, 485, 487, 489, 491, <u>492</u>	\NGSL 2219, 2223, 2225, 2228	\playset 1350, 1351, 1948, 1949
\mthstycls 631	\NLogSpace(E/H/C) 1249	\playsym 1349, 1351, 1947, 1949
\mthstyelm 735	\NLogTime(E/H/C) 1248	\PlnSet <u>1951</u>
\mthstyfam 617		\plnset . 1952, 1953, 1954, 1956
	\nlr <u>2397</u>	\plnsym . 1951, 1953, 1955, 1957
\mthstyfrm 795	\nlset 2399	
\mthstyfun 707	\noexpand 185, 189	\PlrFun <u>1329</u>
\mthstylbop 768	\norm <u>1161</u>	\plrfun 1329, 1330
\mthstylrel 775	\normalfont . 311, 544, 571, 584	\PlrSym <u>1314</u> , 1325, 1326,
\mthstyluop 766		1344, 1345, 1356, 1357,
\mthstymat 810	\not 925, 929, 933, 938, 942	1916, 1917, 1942, 1943,
\mthstyname 603	\notcequiv <u>939</u>	1954, 1955, 1961, 1962
•	\notcmodels <u>935</u>	\plrsym 1314, 1315
\mthstyrel 693	\notcoimplies <u>930</u>	
\mthstyset 673	\notimplied <u>926</u>	\pm 1124, 1132, 1140
\mthstysig 645	\notimplies 922	\pmapsto <u>1095</u>
\mthstysnt 781	(11001mp110b <u>022</u>	\PosSet <u>1320</u> , <u>1911</u>
(\MDCmaco(E/U/C) 1951	(1 Obbec
	\NPSpace(E/H/C) <u>1251</u>	\posset
\mthstystr 659	\NPTime(E/H/C) <u>1250</u>	\posset
\mthstystr 659 \mthstysym 721	$\label{eq:nptime} $$ \NPTime(E/H/C) \dots \frac{1250}{253} $$$	\posset
\mthstystr 659 \mthstysym	\NPTime(E/H/C) <u>1250</u>	\posset
\mthstystr	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\posset
\mthstystr 659 \mthstysym	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\posset
\mthstystr	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\posset
\mthstystr 659 \mthstysym	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\posset
\mthstystr	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\posset
\mthstystr	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\posset
\mthstystr 659 \mthstysym	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr 659 \mthstysym	NPTime(E/H/C) 1250 NQPSpace(E/H/C) 1253 NQPTime(E/H/C) 1252 NSpace(E/H/C) 1247 NTime(E/H/C) 1246 \num 1150 \numco 1150 \numoc 1150	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr 659 \mthstysym	NPTime(E/H/C) 1250 NQPSpace(E/H/C) 1253 NQPTime(E/H/C) 1252 NSpace(E/H/C) 1247 NTime(E/H/C) 1246 \num 1150 \numco 1150 \numoc 1150 \numoo 1150 \numoo 1150	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr 659 \mthstysym	NPTime(E/H/C) 1250 NQPSpace(E/H/C) 1253 NQPTime(E/H/C) 1252 NSpace(E/H/C) 1247 NTime(E/H/C) 1246 num 1150 numcc 1150 numco 1150 numoc 1150 numoo 1150 nxt 2259	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
\mthstystr 659 \mthstysym	NPTime(E/H/C) 1250 NQPSpace(E/H/C) 1253 NQPTime(E/H/C) 1252 NSpace(E/H/C) 1247 NTime(E/H/C) 1246 num 1150 numcc 1150 numco 1150 numoc 1150 numoo 1150 nxt 2259	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \frac{1250}{1250} \nQPSpace(E/H/C) \ \frac{1253}{1253} \nQPTime(E/H/C) \ \frac{1252}{1247} \nSpace(E/H/C) \ \frac{1247}{1246} \num \ \frac{1150}{1150} \numcc \	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
\mthstystr 659 \mthstysym	\\ \text{NPTime}(E/H/C) \\ \frac{1250}{1253} \\ \text{NQPSpace}(E/H/C) \\ \frac{1252}{1252} \\ \text{NSpace}(E/H/C) \\ \frac{1247}{1247} \\ \text{NTime}(E/H/C) \\ \frac{1246}{1246} \\ \text{num} \\ \frac{1150}{1250} \\ \text{numcc} \\ \frac{1150}{1250} \\ \text{numcc} \\ \frac{1150}{1250} \\ \text{numcc} \\ \frac{1150}{1250} \\ \text{numoc} \\ \frac{1150}{1250} \\ \text{numoc} \\ \frac{1259}{1250} \\ \text{NSFun} \\ \frac{1237}{1250} \\ \text{NDSSet} \\ \frac{1337}{1250} \\ \text{NDSSet} \\ \frac{1337}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSet} \\ \frac{1237}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSET} \\	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr	\nPTime(E/H/C) \ \frac{1250}{1250} \nQPSpace(E/H/C) \ \frac{1253}{1253} \nQPTime(E/H/C) \ \frac{1252}{1247} \nSpace(E/H/C) \ \frac{1247}{1246} \num \ \frac{1150}{1150} \numcc \	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr	\\ \text{NPTime}(E/H/C) \\ \frac{1250}{1253} \\ \text{NQPSpace}(E/H/C) \\ \frac{1252}{1252} \\ \text{NSpace}(E/H/C) \\ \frac{1247}{1247} \\ \text{NTime}(E/H/C) \\ \frac{1246}{1246} \\ \text{num} \\ \frac{1150}{1250} \\ \text{numcc} \\ \frac{1150}{1250} \\ \text{numcc} \\ \frac{1150}{1250} \\ \text{numcc} \\ \frac{1150}{1250} \\ \text{numoc} \\ \frac{1150}{1250} \\ \text{numoc} \\ \frac{1259}{1250} \\ \text{NSFun} \\ \frac{1237}{1250} \\ \text{NDSSet} \\ \frac{1337}{1250} \\ \text{NDSSet} \\ \frac{1337}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSet} \\ \frac{1237}{1250} \\ \text{NDSSet} \\ \frac{1250}{1250} \\ \text{NDSSET} \\	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
\mthstystr	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \frac{1253}{1252} \nQPTime(E/H/C) \ \ \frac{1252}{1252} \nSpace(E/H/C) \ \ \frac{1247}{1246} \num \ \frac{1150}{1150} \numcc \ \frac{1150}{1150} \numcc \ \frac{1150}{1150} \numcc \ \frac{1150}{1150} \numcc \ \frac{1150}{1252} \numcc \ \frac{1150}{1150} \numccc \ \frac{1150}{1150} \numccc \ \frac{1150}{1150} \numcccccccccccccccccccccccccccccccccccc	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
\mthstystr	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1253}{1252} \nQPTime(E/H/C) \ \ \ \frac{1252}{1252} \nSpace(E/H/C) \ \ \ \frac{1247}{1246} \num \ \ \ \text{1150} \numcc \ \ \ \text{1252} \rightarrow \text{1150} \rightarrow \text{1259} \rightarrow \text{1259} \rightarrow \text{1337} \rightarrow \text{1337} \rightarrow \text{1337} \rightarrow \text{1337} \rightarrow \text{1338} \rightarrow \text{0dd} \ \ \text{1187} \rightarrow \text{0ddSym} \ \ \frac{1390}{1390} \rightarrow \text{1339} \rightarrow 13	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
\mthstystr	\\ \text{NPTime}(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\posset
\mthstystr	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1252} \nQPTime(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\posset
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1252} \nQPTime(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\posset
\mthstystr	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1252} \nQPTime(E/H/C) \ \ \ \ \frac{1252}{1252} \nSpace(E/H/C) \ \ \ \ \ \text{1247} \nTime(E/H/C) \ \ \ \ \ \text{1246} \num \ \ \ \text{1150} \numcc \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\posset
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1252} \nQPTime(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\posset
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1252} \nQPTime(E/H/C) \ \ \ \ \frac{1252}{1252} \nSpace(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$\begin{array}{llllllllllllllllllllllllllllllllllll$
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1253} \nQPTime(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$\begin{array}{llllllllllllllllllllllllllllllllllll$
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1252} \nQPTime(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$\begin{array}{llllllllllllllllllllllllllllllllllll$
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
\mthstystr	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1253}{1252} \nQPTime(E/H/C) \ \ \ \ \frac{1252}{1247} \nSpace(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\text{\text{1321, 1322, 1325, 1327, 1912, 1913, 1916, 1918}} \text{\text{possym}} \tag{1320, 1322, 1323, 1324, 1326, 1328, 1911, 1913, 1914, 1915, 1917, 1919} \text{\text{pow}} \tag{165} \text{\text{pre}} \tag{165} \text{\text{pre}} \tag{166} \text{\text{pre}} \tag{160} \text{\text{pre}} \tag{160} \text{\text{pre}} \tag{160} \text{\text{prfFun}} \tag{160} \text{\text{1361, 1362, 1937, 1938}} \text{\text{prfsym}} \tag{1360, 1362, 1936, 1938} \text{\text{Primafacie}} \tag{863} \text{\text{primafacie}} \tag{863} \text{\text{prj}} \tag{1685} \text{\text{Procedure}} \tag{2381} \text{\text{Procedure}} \tag{2381} \text{\text{Providecommand}} \tag{1727, 136, 1939, 404, 412, 497, 500, 503, 506, 509, 515} \text{\text{providecommand}} \tag{1727, 1728, 1911, 1912, 1936, 1937, 1939, 1940, 1947, 1948, 1951, 1952, 1958, 1959, 2296, 2297, 2303} \text{\text{prtFun}} \tag{1394} \text{\text{PrtSet}} \tag{1394}
\mthstystr 659 \mthstysym	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1252}{1252} \nSpace(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\text{\text{1321, 1322, 1325, 1327, 1912, 1913, 1916, 1918}} \text{\text{possym}} \tag{1320, 1322, 1323, 1324, 1326, 1328, 1911, 1913, 1914, 1915, 1917, 1919} \text{\text{pow}} \tag{190, 1925, 1917, 1919} \text{\text{pow}} \tag{190, 1926, 1936, 1936} \text{\text{prfFun}} \tag{1360, 1362, 1937, 1938} \text{\text{prfsym}} \tag{1360, 1362, 1936, 1938} \text{\text{Primafacie}} \tag{863} \text{\text{prj}} \tag{1085} \text{\text{Procedure}} \tag{2381} \text{\text{Procedure}} \tag{2381} \text{\text{Procedure}} \tag{389, 394, 399, 404, 412, 497, 500, 503, 506, 509, 515} \text{\text{providecommand}} \text{\text{1727,}} \tag{1728, 1911, 1912, 1936, 1937, 1939, 1940, 1947, 1948, 1951, 1952, 1958, 1959, 2296, 2297, 2303} \text{\text{prtSet}} \text{\text{1394}} \text{\text{PrtSet}} \tag{1394} \text{\text{PrtSet}} \tag{1396} \text{\text{1395, 1396}} \text{\text{Protest}} \text{\text{1395, 1396}} \text{\text{PrtSet}} \tag{1395, 1396} \text
\mthstystr	\nPTime(E/H/C) \ \ \frac{1250}{1253} \nQPSpace(E/H/C) \ \ \ \frac{1253}{1252} \nQPTime(E/H/C) \ \ \ \ \frac{1252}{1247} \nSpace(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\text{\text{1321, 1322, 1325, 1327, 1912, 1913, 1916, 1918}} \text{\text{possym}} \tag{1320, 1322, 1323, 1324, 1326, 1328, 1911, 1913, 1914, 1915, 1917, 1919} \text{\text{pow}} \tag{165} \text{\text{pre}} \tag{165} \text{\text{pre}} \tag{166} \text{\text{pre}} \tag{160} \text{\text{pre}} \tag{160} \text{\text{pre}} \tag{160} \text{\text{prfFun}} \tag{160} \text{\text{1361, 1362, 1937, 1938}} \text{\text{prfsym}} \tag{1360, 1362, 1936, 1938} \text{\text{Primafacie}} \tag{863} \text{\text{primafacie}} \tag{863} \text{\text{prj}} \tag{1685} \text{\text{Procedure}} \tag{2381} \text{\text{Procedure}} \tag{2381} \text{\text{Providecommand}} \tag{1727, 136, 1939, 404, 412, 497, 500, 503, 506, 509, 515} \text{\text{providecommand}} \tag{1727, 1728, 1911, 1912, 1936, 1937, 1939, 1940, 1947, 1948, 1951, 1952, 1958, 1959, 2296, 2297, 2303} \text{\text{prtFun}} \tag{1394} \text{\text{PrtSet}} \tag{1394}

\psn	\rmfamily 380, 584	\sffamily 571
\PSpace(E/H/C) <u>1251</u>	\rng 1079	\Sigma 1262, 1263, 1566, 2294
\pthFun 1283	\Role 890	\sigma 1353, 1958, 2293
\PthSet 1283, 1727	\role 888	\Signature 2380
	\rrbracket 947, 949	\sim 1444
\pthset . 1284, 1285, 1728, 1729	•	
\pthsym . 1283, 1285, 1727, 1729	\rst <u>1087</u>	\skm <u>1531</u>
\PTime(E/H/C) <u>1250</u>	\rVert 1170, 1172	\SL <u>2100</u>
\PTL <u>1766</u>	\rvert 1062, 1064,	\SO 1580, 1586, 1592
\pto	1164, 1166, 1205, 1207	\SOL <u>1572</u>
		\sol <u>1370</u>
${f Q}$	${f S}$	\Space(E/H/C) <u>1247</u>
\QAE 1466	\S	\stackrel 912
\QAFMC 1756	\SATG 1296	\StrSet <u>1353</u> , <u>1958</u>
\QATL 1860	\SaveDoubleAcute 1795	\strset
\QATLP 1875	\SavePilcrow 1794	1354, 1355, 1356, 1358,
\QATLS 1890	\SaveSectionSymbol 1796	1959, 1960, 1961, 1963
\QBF	\scshape 571, 584	
		\strsym
\QCTL 1811	\seqofcmd <u>186</u> , 199, 203	1353, 1355, 1357, 1359,
\QCTLP 1826	\seqofgrklet <u>206</u> , 530	1958, 1960, 1962, 1964
\QCTLS 1841	\seqofgrklow	\SttSet <u>1920</u> , <u>2296</u>
\QEA <u>1466</u>	<u>198,</u> 207, 210, 526, 646, 660	\sttset
\QLTL 1781	\seqofgrkupp $202, 207, 212, 528$	1921, 1922, 1923, 1925,
\QMC 1740	\seqoflatlet <u>195, 524, 646, 660</u>	2297, 2298, 2299, 2301
\QML 1693	\seqoflatlow <u>191</u> , 196, 210, 520	\sttsym
\Qnt 1463	\seqoflatupp $\dots 193$,	1920, 1922, 1924, 1926,
\QntSet \frac{1468}{1468}	196, 212, 522, 604, 618, 632	2296, 2298, 2300, 2302
\qntset 1469, 1470	\seqoflet	\stx <u>896</u>
\qntsym 1468, 1470	<u>213,</u> 536, 674, 694, 708,	\sub
\QPSpace(E/H/C) 1253	722, 736, 782, 796, 811, 825	\suc
	\seqoflow 209, 214, 532	
\QPTime(E/H/C) <u>1252</u>	<u> </u>	\sup
\QPTL 1770	\seqoftag <u>182</u> , 192, 194	\SVarSet <u>1609</u>
	\seqofupp $211, 214, 534$	\svarset 1610, 1611
The state of the s		
R	\sequence	\svarsym 1609, 1611
\raisebox 1098	\sequencel <u>970</u>	\Sym
\ransebox 1098 \rangle 1006, 1007,	\sequencel	•
\raisebox 1098 \rangle 1006, 1007, 1008, 1009, 1026, 1027,	\sequencel <u>970</u>	\Sym
\ransebox 1098 \rangle 1006, 1007,	\sequencel	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
\raisebox 1098 \rangle 1006, 1007, 1008, 1009, 1026, 1027,	\sequence1 \frac{970}{970} \sequencer \frac{970}{1031}	$\begin{tabular}{lll} $\tt \Sym & & $\underline{1463} \\ \tt \SymSet & & $\underline{2293} \\ \tt \Symset & & $\underline{2294}, 2295 \\ \end{tabular}$
\rangle 1098 \rangle 1006, 1007, 1008, 1009, 1026, 1027, 1028, 1029, 1708, 1898	\sequence1 970 \sequencer 970 \set 1031 \SetB 1113	$\begin{tabular}{lll} $\tt \Sym & & $\underline{1463} \\ \tt \SymSet & & $\underline{2293} \\ \tt \Symset & & $\underline{2294}, 2295 \\ \end{tabular}$
\rangle 1006, 1007, 1008, 1009, 1026, 1027, 1028, 1029, 1708, 1898 \rbrace . 1038, 1040, 1056, 1058	\sequence1 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145	\Sym
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\sequence1 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910	\Sym
$\begin{array}{llllllllllllllllllllllllllllllllllll$	\sequence1 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115	\Sym
\rangle	\sequence1 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387,	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391,	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \set1 1031	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setI 1031 \setIength 2379	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setI 1031 \setlength 2379 \SetN 1117	\Sym
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setI 1031 \setlength 2379 \SetN 1117	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setI 1117 \SetN 1117 \SetNI 1117	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setI 1031 \setlength 2379 \SetN 1117	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setI 1117 \SetN 1117 \SetNI 1117	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetB 1145 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2381, 2382, 2383, 2384 \SetKwIF 2396 \setI 11031 \setIength 2379 \SetN 1117 \SetNI 1117 \SetQ 1129 \SetQI 1129	\Sym
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetB 11145 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2381, 2382, 2383, 2384 \SetKwIF 1031 \setlength 2379 \SetN 1117 \SetNI 1117 \SetQ 1129 \SetQNI 1129	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetQ 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setl = 1031 \setlength 2379 \SetN 1117 \SetQ 1129 \SetQI 1129 \SetQPI 1129 \SetQPI 1129	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox 1098 \rangle 1006, 1007,	\sequencel 970 \sequencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \seteq 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \setlength 2379 \SetN 1117 \SetQ 1129 \SetQNI 1129 \SetQPI 1129 \SetR 1137	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \seture 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetQ 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \set1 1031 \setlength 2379 \SetN 1117 \SetQ 1129 \SetQNI 1129 \SetQPI 1129 \SetQPI 1129 \SetR 1137 \setR 1031 \SetRI 1137 \SetRI 1137 \SetRI 1137	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \setuencer 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetQ 910 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \set1 1031 \setlength 2379 \SetN 1117 \SetQ 1129 \SetQNI 1129 \SetQNI 1129 \SetQPI 1129 \SetR 1137 \SetRI 1137 \SetRI 1137 \SetRNI 1137	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \seture 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \set1 1031 \setlength 2379 \SetNI 1117 \SetQI 1129 \SetQNI 1129 \SetQPI 1129 \SetQPI 1129 \SetR 1137 \SetRI 1137 \SetRNI 1137 \SetRPI 1137	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \set 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \set1 1031 \setlength 2379 \SetN 1117 \SetQI 1129 \SetQNI 1129 \SetQPI 1129 \SetQPI 1129 \SetR 1137 \SetRI 1137 \SetRI 1137 \SetRPI 1137 \SetZ 1121	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \set1 1031 \setlength 2379 \SetN 1117 \SetQ 1129 \SetQII 1129 \SetQNI 1129 \SetQPI 1129 \SetRI 1137 \SetRI 1137 \SetRNI 1137 \SetRPI 1137 \SetZ 1121 \SetZI 1121	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
\raisebox	\sequencel 970 \set 970 \set 1031 \SetB 1113 \SetC 1145 \SetCI 1145 \SetF 1115 \SetInd 2378 \SetKw 2380, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395 \SetKwFor 2381, 2382, 2383, 2384 \SetKwIF 2396 \set1 1031 \setlength 2379 \SetN 1117 \SetQI 1129 \SetQNI 1129 \SetQPI 1129 \SetQPI 1129 \SetR 1137 \SetRI 1137 \SetRI 1137 \SetRPI 1137 \SetZ 1121	\Sym \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

1677, 1681, 1690, 1694,	\treeset 2330, 2331 \treesym 2329, 2331 \triangleq 913 \trn 951 \trnFun 1933, 2303 \TrnRel 1933, 2303 \trnsym 1933, 1934, 1935, 2303, 2304, 2305 \True 2385 \Tr 1438 \ttsym 1438, 1439 \tuple 1000 \tuplel 1000 \tupler 1000 \tupler 366, 666, 68 \txt@true 67 \txtabr 555 \txtarg 371 \txtargabr 555	\UAFMC 1760 \UAGPL 2039 \UAGSL 2173 \UATL 1864 \UATLP 1879 \UATLS 1894 \UBF 1433 \UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2226	642, 648, 650, 652, 654, 656, 662, 664, 666, 668, 670, 676, 678, 680, 682, 684, 696, 698, 700, 702, 704, 710, 712, 714, 716, 718, 724, 726, 728, 730, 732, 738, 740, 742, 744, 746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
\triangleq 9.33.1 \UAGPL 2039 656, 662, 664, 666, 668, \triangleq 9.31 \UAGSL 2173 670, 676, 676, 676, 680, 682, \triangleq 9.31 \UAGSL 2173 670, 676, 676, 676, 680, 682, \triangleq 9.31 \UAGSL 2173 670, 676, 676, 676, 680, 682, \triangleq 1.32, 2303 \UATLP 1879 704, 710, 712, 714, 716, \triangleq 717, 724, 716, 717, 712, 714, 716, \triangleq 718, 724, 67, 287, 870, \triangleq 718, 724, 67, 287, 870, \triangleq 718, 724, 67, 287, 870, \triangleq 718, 724, 672, 728, 730, \triangleq 718, 724, 672, 728, 730, 740, 742, 744, \triangleq 1933, 2303, 204, 2305 \UBGSL 2077 786, 788, 790, 792, 798, \triangleq 798, 790, 792, 798, 788, 790, 792, 798, \triangleq 798, 790, 792, 798, 788, 790, 792, 798, \triangleq 798, 790, 792, 798, 788, 790, 792, 798, \triangleq 798, 790, 792, 798, 788, 790, 792, 798, 788, 790, 792, 798, 788, 790, 792, 798, 788, 790, 792, 798, 788, 790, 792, 798, 798, 790, 792, 798, 788, 790, 792, 798, 799, 792, 798, 798, 790, 792, 798, 798, 790, 792, 798, 799, 792, 798, 799, 792, 798, 798, 790, 792, 798, 799, 792, 798, 799, 792, 798, 799, 792, 798, 799, 792, 798, 799, 792, 798, 799, 792, 798, 799, 799, 799, 799, 799, 799, 798, 799, 792, 798, 799, 792, 798, 799, 799, 799, 799, 799, 799, 799	\treesym 2329, 2331 \triangleq 913 \trn 951 \trnFun 1933, 2303 \TrnRel 1722 \trnRel 1933, 2303 \trnsym 1933, 1934, 1935, 2303, 2304, 2305 \True 2385 \Tt 1438 \ttsym 1438, 1439 \tuple 1000 \tuplel 1000 \tupler 1000 \tupler 366, 66, 68 \txt@true 67 \txtabr 555 \txtarg 371 \txtargabr 555	\UAGPL 2039 \UAGSL 2173 \UATL 1864 \UATLP 1879 \UATLS 1894 \UBF 1433 \UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UDGSL 2156 \UEGPL 2056	656, 662, 664, 666, 668, 670, 676, 678, 680, 682, 684, 696, 698, 700, 702, 704, 710, 712, 714, 716, 718, 724, 726, 728, 730, 732, 738, 740, 742, 744, 746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
\triangleq	\triangleq 913 \trn 951 \trnFun 951 \trnFun 1933, 2303 \TrnRel 1722 \trnRel 1933, 2303 \trnsym 1933, 1934, 1935, 2303, 2304, 2305 \True 2385 \Tt 1438 \ttsym 1438, 1439 \tuple 1000 \tuplel 1000 \tuplel 1000 \tupler 1000 \txt 369 \txt@false 56, 66, 68 \txt@true 67 \txtabr 555 \txtarg 371 \txtargabr 555	\UAGSL 2173 \UATL 1864 \UATLP 1879 \UATLS 1894 \UBF 1433 \UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	670, 676, 678, 680, 682, 684, 696, 698, 700, 702, 704, 710, 712, 714, 716, 718, 724, 726, 728, 730, 732, 738, 740, 742, 744, 746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Vern 951	\trn \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\UATL 1864 \UATLP 1879 \UATLS 1894 \UBF 1433 \UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UCGPL 2056	684, 696, 698, 700, 702, 704, 710, 712, 714, 716, 718, 724, 726, 728, 730, 732, 738, 740, 742, 744, 746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Name	\trnFun	\UATLP 1879 \UATLS 1894 \UBF 1433 \UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	704, 710, 712, 714, 716, 718, 724, 726, 728, 730, 732, 738, 740, 742, 744, 746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
\trnRel	\TrnRel \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\UATLS 1894 \UBF 1433 \UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	718, 724, 726, 728, 730, 732, 738, 740, 742, 744, 746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
\trnRel 1933, 2303 \ UBF	\trnRel	\UBF 1433 \UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	732, 738, 740, 742, 744, 746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Number 1933, 1934	\trnsym 1933, 1934, \tag{1935}, 2303, 2304, 2305 \\True \tag{2385} \\Tt \tag{1438} \\ttsym 1438, 1439 \\tuple \tag{1000} \\tuple1 \tag{1000} \\tupler \tag{369} \\txt@false 56, 66, 68 \\txt@true \tag{555} \\txtarg \tag{371} \\txtargabr \txtargabr \tag{555}	\UBGPL 2073 \UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	746, 770, 772, 777, 784, 786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
True	1935, 2303, 2304, 2305 \True 2385 \Tt 1438 1439 \ttsym 1438, 1439 \tuple 1000 \tupler 1000 \txt 369 \txt@false 56, 66, 68 \txt@true 67 \txtabr 555 \txtarg	\UBGSL 2207 \UBH 1264 \UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	786, 788, 790, 792, 798, 800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
No.	\True \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\UBH \ \ \frac{1264}{2005} \ \UCGPL \ 2005 \ \UCGSL \ 2139 \ \UCTL \ 1815 \ \UCTLP \ 1830 \ \UCTLS \ 1845 \ \UDGPL \ 2022 \ \UDGSL \ 2156 \ \UEGPL \ 2056	800, 802, 804, 806, 813, 815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Name	\ttsym 1438, 1439 \tuple 1000 \tuplel 1000 \tupler 1000 \txt 369 \txt@false 56, 66, 68 \txt@true 67 \txtabr 555 \txtarg 371 \txtargabr 555	\UCGPL 2005 \UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	815, 817, 819, 821, 827, 829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Tttym	\ttsym 1438, 1439 \tuple 1000 \tuplel 1000 \tupler 1000 \txt 369 \txt@false 56, 66, 68 \txt@true 67 \txtabr 555 \txtarg 371 \txtargabr 555	\UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	829, 831, 833, 835, 1079, 1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Note	\ttsym 1438, 1439 \tuple 1000 \tuplel 1000 \tupler 1000 \txt 369 \txt@false 56, 66, 68 \txt@true 67 \txtabr 555 \txtarg 371 \txtargabr 555	\UCGSL 2139 \UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	1080, 1081, 1082, 1083, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Tuple	\tuple \frac{1000}{1000} \tupler \frac{1000}{1000} \txt \frac{369}{369} \txt@false 56, 66, 68 \txt@true 67 \txtabr \frac{555}{550} \txtarg \frac{371}{2550} \txtargabr \frac{555}{5500}	\UCTL 1815 \UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Number 1000 Number 1830 1101, 1102, 1103, 1104,	\tuple1 \frac{1000}{1000} \tupler \frac{1000}{1000} \txt \frac{369}{66, 68} \txt@false 56, 66, 68 \txt@true 67 \txtabr \frac{555}{250} \txtarg \frac{371}{250} \txtargabr \frac{555}{550}	\UCTLP 1830 \UCTLS 1845 \UDGPL 2022 \UDGSL 2156 \UEGPL 2056	1106, 1107, 1108, 1109, 1110, 1111, 1186, 1187,
Number 1000	\tupler \frac{1000}{2000} \txt \frac{369}{369} \txt@false 56, 66, 68 \txt@true 67 \txtabr \frac{555}{250} \txtarg \frac{371}{250} \txtargabr \frac{555}{250}	\UCTLS	1110, 1111, 1186, 1187,
\txt 369 \ \text{VLXtBalse} \ \ 56, 66, 68 \ \text{VWGSL} \ \ 2156 \ \ 1188, 1189, 1191, 1191, \ \ \txt\tatrue \ 67 \ \text{VEGPL} \ 2056 \ 1192, 1193, 1194, 1195, \ \ \ \txtarg \ 371 \ \text{VEXESS} \ \text{VEGSL} \ 2190 \ 1196, 1197, 1198, 1208, \ \ \txtarg \ 371 \ \text{VEXPSpace(E/H/C)} \ 1255 \ 1209, 1286, 1287, 1288, \ \txtargabr \ 555 \ \text{VUFAGSL} \ 2019 \ \text{VIFAGSL} \ 2181 \ 1369, 1370, 1439, 1441, \ \txtargdef \ 542 \ \text{VFAGSL} \ 2181 \ 1369, 1370, 1439, 1441, \ \txtargname \ 569 \ \text{VUFAGSL} \ 22181 \ \text{VXtdef} \ 542 \ \text{VUFGSL} \ 2215 \ \text{VIFAGSL} \ 1443, 1445, 1447, 1449, \ \txttgen\text{Galse} \ 53, 56 \ \text{VUFCGSL} \ 2215 \ 1461, 1462, 1463, 1464, \ \txtgen\text{Galse} \ 53, 56 \ \text{VUFCGSL} \ 2187 \ \text{VXtdef} \ 542 \ \text{VUFCGSL} \ 2187 \ \text{VXtgen\text{Galse}} \ 53, 56 \ \text{VUFCGSL} \ 2187 \ \text{VXtgen\text{Galse}} \ 1564, 778, 84, 89, 94, 99 \ \text{VUFGGSL} \ 2164 \ \text{VXttamme} \ 569 \ 1430, 1495, \ \text{VUFGSL} \ 2216 \ 1505, 1511, 1517, 1518, \ \ \text{VXttamme} \ 569 \ 1430, 1495, \ \text{VUFGSL} \ 2164 \ \text{1500, 1501, 1511, 1517, 1518, } \ 1586, 1590, 1592, 1596, \ \text{VUFGSL} \ 2218 \ 1730, 1788, 1790, \ 1794, 1598, 1602, 1604, 1619, \ \text{VUFGGSL} \ 2218 \ 1730, 1788, 1794, 1794, 1792, 1793, 1794, \ 1623, 1627, 1631, 1635, \ \text{VUFGGSL} \ 2198 \ 1737, 1714, 1749, 1753, \ \text{VUFGSL} \ 2228 \ 1730, 1788, 1790, 2257, 2259, 2310, 2257, 2259,	\txt \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\UDGPL	
\txtefalse	\txt@false	\UDGSL	1188, 1189, 1190, 1191,
\txtdrue 6 67 \UEGPL 2056 1192, 1193, 1194, 1195, \txtabr 555 \UEGSL 2190 1196, 1197, 1198, 1208, \txtarg 371 \UExpSpace(E/H/C) 1255 1209, 1286, 1287, 1288, \txtargabr 555 \UEXPTime(E/H/C) 1254 1348, 1352, 1363, 1364, \txtargcom 582 \UFAGPL 2047 1365, 1366, 1367, 1368, \txtargdef 542 \UFAGSL 2181 1369, 1370, 1439, 1441, \txtargdaf 542 \UFAGSL 2181 1369, 1370, 1439, 1441, \txtargname 569 \UFBGPL 2081 1443, 1445, 1447, 1449, \txtargname 569 \UFBGSL 2215 1461, 1453, 1455, 1457, \txtdef 542 \UFCGFL 2013 1465, 1466, 1467, 1471, \txtgen@true \UFCGSL 2147 1465, 1466, 1467, 1471, \txtgen@true \UFGGSL 2164 1559, 1501, 1517, 1518, \txtname 569, 1430, 1495, \UFFGGSL 2164 1559, 1500, 1501, 1511, 1517, 1518, \txtname 569, 1430, 1495, \UFFGGSL 2198 1730, 1788, 1789, 1790, 1586, 1590, 1592, 1596, \UFNGSL 2232 1730, 1788, 1789, 1790, 1598, 1602, 1604, 1619, \UFFGGSL 2130 1849, 1946, 1950, 2256, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2257, 2259, 2310, 2310, 1849, 1946, 1950, 2256, 2267, 2269, 2043, \UMC 1744, 1697 1500, 1507, 1513, 1520, 2126, 2143, 2160, 2177, \UNGSL 2244 1561, 1534, 1536, 1538, \UNGSL 2166, 2143, 2160, 2177, \UNGSL 2244 1560, 1534, 1536, 1538, \UNGSL 2166, 2163, 1634, 1437, 1441, 2060, 2077, 2094, 2109, \UML 1697 1500, 1507, 1513, 1520, 2126, 2143, 2160, 2177, \UNGSL 2224 \UNGSL 2244 \UNGSL 2164, 1510, 1534, 1536, 1538, \UNGSL 2166, 2164, 1534, 1536, 1538, 1437, 1434, 1544, 1449, 1454, 1449, 1454, 1449, 1444, 1444, 1444, 1444, 1444, 1444, 1444, 1445, 1447, 1449, 1449, 1441, 1444, 1445, 1447, 1449, 1441, 1449, 1441, 1444, 1445, 1447, 1449, 1441, 1441, 1444, 1441, 1444, 1441, 1444, 1441, 1444, 1441, 1444, 1441, 1444, 1445, 1447, 1444, 1441, 1444, 14	\txt@true 67 \txtabr 555 \txtarg 371 \txtargabr 555	\UEGPL 2056	
\txtabr 555 \txtarg 371 \times \text{VEGSL} 2190 \text{1196}, 1197, 1198, 1208, \txtarg 371 \times \text{VEGSL} 2190 \text{1255} 1209, 1286, 1287, 1288, \txtargabr 555 \times \text{VEXPTime}(E/H/C) \text{1254} 1348, 1352, 1363, 1364, \txtargcom 582 \text{VUFAGFL} 2047 1365, 1366, 1367, 1368, \txtargdef 542 \text{VVFAGSL} 2181 1369, 1370, 1439, 1441, \txtargname 569 \text{VUFAGSL} 2215 1441, 1453, 1455, 1457, \txtdef 542 \text{VUFAGSL} 2215 1461, 1462, 1463, 1464, \txtgen@false 53, 56 \text{VUFCGPL} 2013 1465, 1466, 1467, 1471, \txtgen@false 53, 56 \text{VUFCGPL} 2030 1472, 1473, 1474, 1504, \txtgen@false 569, 1430, 1495, \text{VUFGPL} 2030 1505, 1511, 1517, 1518, \text{1518}, 1567, 1580, 1584, \text{VUFGGSL} 2164 1524, 1530, 1531, 1567, \text{Vxtname} 569, 1430, 1495, \text{VUFGGSL} 2198 1730, 1788, 1789, 1790, 1586, 1590, 1592, 1596, \text{VUFNGSL} 2232 1791, 1792, 1793, 1794, 1598, 1602, 1604, 1619, \text{VUFOGPL} 1996 1795, 1796, 1797, 1848, 1623, 1627, 1631, 1635, \text{VUFOGSL} 2130 1849, 1946, 1950, 2256, 2259, 2310, 230, 230, 230, 230, 230, 230, 230, 23	\txtabr		1192, 1193, 1194, 1195,
\txtarg 371 \ \UExpSpace(E/H/C) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\txtarg	VIIECGI 9100	
\txtargabr	\txtargabr <u>555</u>		, , , , , , , , , , , , , , , , , , , ,
\txtargcom			
\txtargcom	\txtargcom 582	· ·	
\txtargdef	<u></u>		
\txtargname	\txtargdef <u>542</u>	·	
\txtdef	\txtargname <u>569</u>	\UFBGPL 2081	
\txtdef	\txtcom <u>582</u>	\UFBGSL 2215	
\txtgen@false	\txtdef <u>542</u>	\UFCGPL 2013	
\txtgen@true \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\txtgen@false 53, 56	\UFCGSL 2147	
. 54, 67, 78, 84, 89, 94, 99 \UFDGSL 2164 1503, 1511, 1517, 1518, \txtname . 569, 1430, 1495, \UFEGPL 2064 1524, 1530, 1531, 1567, 1497, 1578, 1580, 1584, \UFEGSL 2198 1730, 1788, 1789, 1790, 1701, 1702, 1586, 1590, 1592, 1596, \UFNGSL 2232 1730, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1598, 1602, 1604, 1619, \UFOGPL 1996 1795, 1796, 1797, 1848, 1623, 1627, 1631, 1635, \UFNGSL 2130 1849, 1946, 1950, 2256, 1642, 1646, 1650, 1654, \UFPL 1979 2257, 2259, 2310, 23 2257, 2259, 2310, 23 1658, 1665, 1669, 1673, \UFXGPL 2098 \usrmthgrklet \usrmthgrklet \usrmthgrklet \usrmthgrklet \usrmthgrklet \usrmthgrklet \usrmthgrklet \usrmthgrklet \usrmthlatlet \usrmthlatlet \usrmthlatlet \usrmthlatlet \usrmthlatlow \usrmthlatlow \usrmthlatlow \usrmthlatlow \usrmthlatlow \usrmthlatlow \usrmthlatlet \usrmthlatlow \usrmthlat		\UFDGPL 2030	
\txtname . 569, 1430, 1495, \ \UFEGPL . 2064 \ 1569, 1700, 1701, 1702, \ 1497, 1578, 1580, 1584, \ \UFEGSL . 2198 \ 1569, 1700, 1701, 1702, \ 1586, 1590, 1592, 1596, \ \UFNGSL . 2232 \ 1730, 1788, 1789, 1799, \ 1598, 1602, 1604, 1619, \ \UFOGPL . 1996 \ 1623, 1627, 1631, 1635, \ \UFOGSL . 2130 \ 1642, 1646, 1650, 1654, \ \UFPL . 1979 \ 1658, 1665, 1669, 1673, \ \UFSL . 2113 \ 1677, 1681, 1690, 1694, \ \UFXGPL . 2098 \ 1737, 1741, 1749, 1753, \ \UFXGSL . 2249 \ 1757, 1771, 1782, 1808, \ \ULH . 1812, 1823, 1827, 1838, \ \ULH . 1842, 1857, 1861, 1872, \ \ULGGTIME (E/H/C) . 1249 \ 1876, 1887, 1891, 1975, \ \ULTL . 1785 \ 1892, 2009, 2026, 2043, \ \UMC . 1744 \ 1992, 2009, 2026, 2043, \ \UMC . 1744 \ 2060, 2077, 2094, 2109, \ \UML . 1697 \ 2224 \ 1526, 1534, 1536, 1538, 1537, 1836, 1872, \ \UNGSL . 2224 \ \ \Lambda \ \L	3	\UFDGSL 2164	
1497, 1578, 1580, 1584, \UFEGSL 2198 1509, 1701, 1702, 1702, 1702, 1703, 1788, 1789, 1790, 1788, 1590, 1592, 1596, \UFNGSL 2232 1730, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1792, 1793, 1794, 1792, 1793, 1794, 1792, 1793, 1794, 1795, 1796, 1797, 1848, 1623, 1627, 1631, 1635, \UFNGSL 2130 1795, 1796, 1797, 1848, 1849, 1946, 1950, 2256, 2256, 2257, 2259, 2310,		\UFEGPL 2064	
1586, 1590, 1592, 1596, UFNGSL 1996 1791, 1792, 1793, 1794, 1598, 1602, 1604, 1619, UFOGPL 1996 1795, 1796, 1797, 1848, 1623, 1627, 1631, 1635, UFDGSL 2130 1849, 1946, 1950, 2256, 1642, 1646, 1650, 1654, UFPL 1979 2257, 2259, 2310, 2313, 1677, 1681, 1690, 1694, UFXGPL 2098 1737, 1741, 1749, 1753, UFXGSL 2249 Usrmthgrklow 1757, 1771, 1782, 1808, ULH 1264 1812, 1823, 1827, 1838, ULogSpace(E/H/C) 1249 Usrmthlatlet 1842, 1857, 1861, 1872, ULogTime(E/H/C) 1248 Usrmthlatlow 1876, 1887, 1891, 1975, ULTL 1785 1319, 1334, 1437, 1481, 1992, 2009, 2026, 2043, UMC 1744 1500, 1507, 1513, 1520, 2126, 2143, 2160, 2177, UNGSL 2224 1540, 1717, 1004, 2017, 2017, 2014, 2014, 2014, 2014, 2014, 2014, 2017, UNGSL 2224 2		\UFEGSL 2198	
1598, 1602, 1604, 1619,			
1623, 1627, 1631, 1635, VIFOGSL 2130 1795, 1796, 1797, 1848, 1849, 1946, 1950, 2256, 1642, 1646, 1650, 1654, VIFPL 1979 2257, 2259, 2310, 2313 1677, 1681, 1690, 1694, VIFXGPL 2098 1737, 1741, 1749, 1753, VIFXGSL 2249 VIFXGPL			
1642, 1646, 1650, 1654,			
1658, 1665, 1669, 1673,			
1677, 1681, 1690, 1694, \UFXGPL 2098 \usrmthgrklet 1737, 1741, 1749, 1753, \UFXGSL 2249 \usrmthgrklow 1757, 1771, 1782, 1808, \ULH 1264 \usrmthgrkupp 1812, 1823, 1827, 1838, \ULogSpace(E/H/C) 1249 \usrmthlatlet 1842, 1857, 1861, 1872, \ULogTime(E/H/C) 1248 \usrmthlatlow \usrmthlatlow 1876, 1887, 1891, 1975, \ULTL 1785 \usrmthlatupp 521, 1274, 1992, 2009, 2026, 2043, \UMC 1744 1319, 1334, 1437, 1481, 2060, 2077, 2094, 2109, \UML 1697 1500, 1507, 1513, 1520, 2126, 2143, 2160, 2177, \UNGSL 2224			2257, 2259, 2310, 2332
1737, 1741, 1749, 1753,			\usrmthgrklet $\underline{529}$
1757, 1771, 1782, 1808,			\usrmthgrklow $\underline{525}$
1812, 1823, 1827, 1838, \ULogSpace(E/H/C) 1249 \usrmthlatlet \usrmthla			\usrmthgrkupp <u>527</u>
1842, 1857, 1861, 1872,			\usrmthlatlet <u>523</u>
1842, 1837, 1801, 1872,			
1992, 2009, 2026, 2043, \umbedowder \umbed		_	
2060, 2077, 2094, 2109, \UML \ 1697 \ 1500, 1507, 1513, 1520, \ 2126, 2143, 2160, 2177, \UNGSL \ 2224 \ 1500, 1777, 1004, 2004			
2126, 2143, 2160, 2177, \understand \unden			
2120, 2110, 2100, 2111, \(\text{ONGSL}\) \(
2194 2211 2228 2245 \tinopi 1000 1010; 1111; 1001; 2.			
\u00e4101, \u00e4111, \u00e41111, \u00e411111, \u00e411111111111111111111111111111111111	2194, 2211, 2228, 2245	\UOGPL 1988	\usrmthlet <u>535</u> , 687, 689
(oncoding	•		
(uphat point ight 1000		\upharpoonright 1088	
(one oper	\+x+0n0x	\UPL 1971	
\txtoparcom 1235 \upshape 380 \usrtxt	/rxrobar	\upshape 380	
\txtpar 375 \UPSpace(E/H/C) 1251 410, 546, 548, 550, 552,	-	\UPSpace(E/H/C) <u>1251</u>	
\txtparabr 555 \UPTime(E/H/C) 1250 554, 559, 561, 563, 565,	\txtoparcom 1235	\UPTime(E/H/C) <u>1250</u>	
\txtparcom \frac{582}{582} \upper \upper \upper	\txtoparcom	\UPTL 1774	567, 573, 575, 577, 579,
\txtpardef \frac{542}{2} \UQPSpace(E/H/C) \frac{1253}{2} \frac{581, 586, 588, 590, 592, 592}{2}	\txtoparcom	\UQPSpace(E/H/C) 1253	581, 586, 588, 590, 592, 594
— \ \ TI \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582	-	\UTime(E/H/C) <u>1246</u>
\ IIVaDi	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtpardef 542	(OQ1 11mc (D) 11/O) 1202	\UXGPL 2090
\;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtpardef 542 \txtparname 569		\UXGSL 2241
	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtpardef 542 \txtparname 569 \txtsty	$\verb \usetikzlibrary 2348 $	
	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtpardef 542 \txtparname 569 \txtsty 370, 372, 374, 376, 378, 379	\usetikzlibrary 2348 \USL 2105	
(disably com	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtpardef 542 \txtparname 569 \txtsty 370, 372, 374, 376, 378, 379 \txtstyabr 557	\usetikzlibrary	\mathbf{V}
	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtparcom 582 \txtpardef 542 \txtparname 569 \txtsty 370, 372, 374, 376, 378, 379 \txtstyabr 557 \txtstycom 584	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	
	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtparcom 582 \txtpardef 542 \txtparname 569 \txtsty 370, 372, 374, 376, 378, 379 \txtstycom 584 \txtstydef 544	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	\ValSet <u>1482</u>
\txtsubsup 309, 311, 366 614, 620, 622, 624, 626, \valsym 1482, 14	\txtoparcom 1235 \txtpar 375 \txtparabr 555 \txtparcom 582 \txtparcom 582 \txtpardef 542 \txtparname 569 \txtsty 370, 372, 374, 376, 378, 379 \txtstyabr 557 \txtstycom 584	\usetikzlibrary 2348 \USL	

\varcmd	\WATLP 1871	\wp 1468
173,968,969,976,977,	\WATLS 1886	\WPL 1664
978, 979, 986, 987, 988,	\WAutSet <u>2291</u>	\WrdSet <u>2307</u>
989, 996, 997, 998, 999,	\wautset 2291, 2292	\wrdset 2308, 2309
1006, 1007, 1008, 1009,	\WCL 1641	\wrdsym 2307, 2309
1016, 1017, 1018, 1019,	\WCTL 1807	\WrlSet
1026, 1027, 1028, 1029	\WCTLP 1822	\wrlset 1719, 1720
\varepsilon 1201	\WCTLS 1837	\wrlsym 1718, 1720, 1721
\varnothing 1077, 1093	\wghFun <u>1413</u>	\wrpfig@false 116
\varpi 1341, 1939	\WghSet <u>1413</u>	\wrpfig@true 115
\varset 1502, 1503	\wghset 1414, 1415	\wrt 898
\VarSig	\wghsym 1413, 1415	\wso
\varsig 1499, 1500	\WH <u>1258</u>	\WSOL 1579
\varsym 1501, 1503	\widehat 956	\WTL 1618
\vec	\widetilde 958	\WIL 1018
\VerSet <u>1275</u>	\WinSet <u>1335</u>	37
\verset 1276, 1277	\winset 1335, 1336	X
\versym . 1275, 1277, 1278, 1279	\Wlogx <u>902</u>	\X
\vert 1034, 1044 \Viceversa 881	\wlogx <u>899</u>	\XGPL 2085, 2089, 2091, 2094
	\WMCL 1653	\XGSL 2236, 2240, 2242, 2245
\viceversa 864 \viz 866	\WMPL 1676	\xi 1360, 1482, 1936
\viz	\WMSO 1597	\xspace 309, 311
\vs <u>600</u>	\WMSOL 1595	
\mathbf{W}	\WMTL 1630	\mathbf{Y}
\WATL 1856	\wot $\underline{2332}$	\Y