

gost705 и gost705s — стили оформления библиографии в соответствии с ГОСТ Р 7.0.5-2008

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1 Исходный текст

```
1
2 <*gost705 | gost705s>
3
```

1.1 Поля, используемые в bib-файлах

```
4 ENTRY
5 { address
6   annote
7   author
8   booktitle
9   bookauthor
10  chapter
11  edition
12  editor
13  compiler
14  howpublished
15  institution
16  journal
17  key
18  month
19  note
20  number
21  organization
```

```

22     pages
23     numpages
24     publisher
25     school
26     series
27     title
28     type
29     volume
30     year
31     language
32     booklanguage
33     url
34     urldate
35 }
36 {}
37 { label }
38

```

1.2 Объявление и инициализация переменных и констант

```

39 INTEGERS { output.state before.all mid.sentence after.sentence after.block
40 after.dblslash after.slash after.column after.semicolumn }
41

```

init.state.consts

```

42 FUNCTION {init.state.consts}
43 {
44     #0 'before.all :=
45     #1 'mid.sentence :=
46     #2 'after.sentence :=
47     #3 'after.block :=
48     #4 'after.dblslash :=
49     #5 'after.slash :=
50     #6 'after.column :=
51     #7 'after.semicolumn :=
52 }
53
54 STRINGS { s t }
55
56 STRINGS { curlanguage }
57

```

1.3 Переключение языка

change.language

```

58 FUNCTION {change.language}
59 {
60     booklanguage empty$
61     { "" }
62     { booklanguage 'curlanguage :=
63       "\selectlanguageifdefined{"
64       curlanguage *
65       "}" *
66     }
67     if$
68 }
69

```

1.4 Вывод библиографической записи

output.nonnull

```

70 FUNCTION {output.nonnull}
71 {
72     swap$
73     output.state mid.sentence =
74     { ", " * write$ }
75     { output.state after.block =

```

```

76     { add.period$ " " * write$
77       newline$
78       "\newblock " write$
79     }
80     { output.state before.all =
81       'write$
82       { output.state after.dblslash =
83         { "~/ " * change.language * " " * write$ }
84         { output.state after.slash =
85           { "~/ " * write$ }
86           { output.state after.column =
87             { ": " * write$ }
88             { output.state after.semicolumn =
89               { "; " * write$ }
90               { add.period$ " " * write$ }
91             if$
92           }
93           if$
94         }
95         if$
96       }
97       if$
98     }
99     if$
100   }
101   if$
102   mid.sentence 'output.state :=
103 }
104 if$
105 }
106
output
107 FUNCTION {output}
108 {
109   duplicate$ empty$
110   'pop$
111   'output.nonnull
112   if$
113 }
114
output.check
115 FUNCTION {output.check}
116 {
117   't :=
118   duplicate$ empty$
119   { pop$ "empty " t * " in " * cite$ * warning$ }
120   'output.nonnull
121   if$
122 }
123


## 1.5 Вывод блоков и ограничителей


fin.entry
124 FUNCTION {fin.entry}
125 {
126   add.period$
127   write$
128   newline$
129 }
130
new.block
131 FUNCTION {new.block}
132 {

```

```

133   output.state before.all =
134     'skip$
135   { after.block 'output.state := }
136   if$
137 }
138
new.dblslash
139 FUNCTION {new.dblslash}
140 {
141   output.state before.all =
142     'skip$
143   { after.dblslash 'output.state := }
144   if$
145 }
146
new.slash
147 FUNCTION {new.slash}
148 {
149   output.state before.all =
150     'skip$
151   { after.slash 'output.state := }
152   if$
153 }
154
new.column
155 FUNCTION {new.column}
156 {
157   output.state before.all =
158     'skip$
159   { after.column 'output.state := }
160   if$
161 }
162
new.semicolumn
163 FUNCTION {new.semicolumn}
164 {
165   output.state before.all =
166     'skip$
167   { after.semicolumn 'output.state := }
168   if$
169 }
170
new.sentence
171 FUNCTION {new.sentence}
172 {
173   output.state after.block =
174     'skip$
175   { output.state before.all =
176     'skip$
177     { after.sentence 'output.state := }
178     if$
179   }
180   if$
181 }
182
add.blank
183 FUNCTION {add.blank} { " " * before.all 'output.state := }
184
not
185 FUNCTION {not}
186 {
187   { #0 }

```

```

188     { #1 }
189   if$
190 }
191
and
192 FUNCTION {and}
193 {
194   'skip$
195   { pop$ #0 }
196   if$
197 }
198
or
199 FUNCTION {or}
200 {
201   { pop$ #1 }
202   'skip$
203   if$
204 }
205
non.stop
206 FUNCTION {non.stop}
207 {
208   duplicate$
209   "]" * add.period$
210   #-1 #1 substring$ "." =
211 }
212
new.block.checka
213 FUNCTION {new.block.checka}
214 {
215   empty$
216   'skip$
217   'new.block
218   if$
219 }
220
new.block.checkb
221 FUNCTION {new.block.checkb}
222 {
223   empty$
224   swap$ empty$
225   and
226   'skip$
227   'new.block
228   if$
229 }
230
new.sentence.checka
231 FUNCTION {new.sentence.checka}
232 {
233   empty$
234   'skip$
235   'new.sentence
236   if$
237 }
238
new.sentence.checkb
239 FUNCTION {new.sentence.checkb}
240 {
241   empty$
242   swap$ empty$

```

```

243 and
244 'skip$
245 'new.sentence
246 if$
247 }
248
field.or.null
249 FUNCTION {field.or.null}
250 {
251 duplicate$ empty$
252 { pop$ "" }
253 'skip$
254 if$
255 }
256
emphasize
257 FUNCTION {emphasize}
258 {
259 duplicate$ empty$
260 { pop$ "" }
261 { "\BibEmph{" swap$ * "}" * }
262 if$
263 }
264
space.word
265 FUNCTION {space.word} { " " swap$ * " " * }
266

```

1.6 Общепринятые сокращения

```

267 FUNCTION {bbl.edby} % { "\bbledby{" }
268 {
269 curlanguage "english" =
270 { "Ed. by " }
271 { curlanguage "russian" =
272   { "{\cyr\CYRP\cyro\cyrd\ \cyrr\cyre\cyrd.\ }" }
273   { "language is not defined: " language "edited by" * * warning$ "edited by" }
274   if$
275 }
276 if$
277 }
278
279 FUNCTION {bbl.cmplr}
280 {
281 curlanguage "english" =
282 { "Compiler " }
283 { curlanguage "russian" =
284   { "{\cyr\CYRS\cyro\cyrs\cyrt.\ }" }
285   { "language is not defined: " language "compiler" * * warning$ "compiler" }
286   if$
287 }
288 if$
289 }
290
291 FUNCTION {bbl.edition} % { "\bbledition{" }
292 {
293 curlanguage "english" =
294 { "edition" }
295 { curlanguage "russian" =
296   { "{\cyr\cyri\cyrz\cyrd.}" }
297   { "language is not defined: " language "edition" * * warning$ "edition" }
298   if$
299 }
300 if$

```

```

301 }
302
303 FUNCTION {bbl.vvolume} % { "\bblVolume{" }
304 {
305   curlanguage "english" =
306     { "Volume" }
307   { curlanguage "russian" =
308     { "{\cyr\CYRT\cyro\cyrm}" }
309     { "language is not defined: " language "Volume" * * warning$ "Volume" }
310     if$
311   }
312   if$
313 }
314
315 FUNCTION {bbl.vvol} % { "\bblVol{" }
316 {
317   curlanguage "english" =
318     { "Vol." }
319   { curlanguage "russian" =
320     { "{\cyr\CYRT.}" }
321     { "language is not defined: " language "Vol." * * warning$ "Vol." }
322     if$
323   }
324   if$
325 }
326
327 FUNCTION {bbl.iissue} % { "\bblIssue{" }
328 {
329   curlanguage "english" =
330     { "Issue" }
331   { curlanguage "russian" =
332     { "{\cyr\CYRV\cyrery\cyrp\cyru\cyrs\cyrk}" }
333     { "language is not defined: " language * warning$ "Issue" }
334     if$
335   }
336   if$
337 }
338
339 FUNCTION {bbl.iiss} % { "\bblIss{" }
340 {
341   curlanguage "english" =
342     { "Iss." }
343   { curlanguage "russian" =
344     { "{\cyr\CYRV\cyrery\cyrp.}" }
345     { "language is not defined: " language * warning$ "Issue" }
346     if$
347   }
348   if$
349 }
350
351 FUNCTION {bbl.of} % { "\bblOf{" }
352 {
353   curlanguage "english" =
354     { "of" }
355   { curlanguage "russian" =
356     { "{\cyr\cyri\cyrz}" }
357     { "language is not defined: " language "of" * * warning$ "of" }
358     if$
359   }
360   if$
361 }
362
363 FUNCTION {bbl.etal} % { "\bblOf{" }
364 {
365   curlanguage "english" =
366     { "et~al." }

```

```

367 { curlanguage "russian" =
368   { "{\cyr\cyri~\cyrd\cyrr.}" }
369   { "language is not defined: " language "at al" * * warning$ "at al." }
370   if$
371 }
372 if$
373 }
374
375 FUNCTION {bbl.nnumber} % { "\bblNumber{" }
376 {
377   curlanguage "english" =
378   { "Number" }
379   { curlanguage "russian" =
380     { "{\cyr\CYRN\cyro\cyrm\cyre\cyrr}" }
381     { "language is not defined: " language "Number" * * warning$ "Number" }
382     if$
383   }
384   if$
385 }
386
387 FUNCTION {bbl.number} % { "\bblnumber{" }
388 {
389   curlanguage "english" =
390   { "number" }
391   { curlanguage "russian" =
392     { "{\cyr\cyrn\cyro\cyrm\cyre\cyrr}" }
393     { "language is not defined: " language "number" * * warning$ "number" }
394     if$
395   }
396   if$
397 }
398
399 FUNCTION {bbl.nr} % { "\bblno{" }
400 {
401   curlanguage "english" =
402   { "no." }
403   { curlanguage "russian" =
404     { "{\cyr\textnumero}" }
405     { "language is not defined: " language "no." * * warning$ "no." }
406     if$
407   }
408   if$
409 }
410
411 FUNCTION {bbl.nnr} % { "\bblno{" }
412 {
413   curlanguage "english" =
414   { "No." }
415   { curlanguage "russian" =
416     { "{\cyr\textnumero}" }
417     { "language is not defined: " language "No." * * warning$ "No." }
418     if$
419   }
420   if$
421 }
422
423 FUNCTION {bbl.in} % { "\bblin{" }
424 {
425   curlanguage "english" =
426   { "in" }
427   { curlanguage "russian" =
428     { "{\cyr\cyrv}" }
429     { "language is not defined: " language "in" * * warning$ "in" }
430     if$
431   }
432   if$

```



```

433 }
434
435 FUNCTION {bbl.iin} % { "\bblIn{" }
436 {
437   curlanguage "english" =
438   { "In" }
439   { curlanguage "russian" =
440     { "{\cyr\CYRV}" }
441     { "language is not defined: " language "In" * * warning$ "In" }
442     if$
443   }
444   if$
445 }
446
447 FUNCTION {bbl.pages} % { "\bblpp." }
448 {
449   curlanguage "english" =
450   { "pp." }
451   { curlanguage "russian" =
452     { "{\cyr\cyrs.}" }
453     { "language is not defined: " language "pp." * * warning$ "pp." }
454     if$
455   }
456   if$
457 }
458
459 FUNCTION {bbl.page} % { "\bblp." }
460 {
461   curlanguage "english" =
462   { "p." }
463   { curlanguage "russian" =
464     { "{\cyr\cyrs.}" }
465     { "language is not defined: " language "p." * * warning$ "p." }
466     if$
467   }
468   if$
469 }
470
471 FUNCTION {bbl.ppages} % { "\bblPp." }
472 {
473   curlanguage "english" =
474   { "Pp." }
475   { curlanguage "russian" =
476     { "{\cyr\CYRS.}" }
477     { "language is not defined: " language "Pp." * * warning$ "Pp." }
478     if$
479   }
480   if$
481 }
482
483 FUNCTION {bbl.ppage} % { "\bblP." }
484 {
485   curlanguage "english" =
486   { "P." }
487   { curlanguage "russian" =
488     { "{\cyr\CYRS.}" }
489     { "language is not defined: " language "P." * * warning$ "P." }
490     if$
491   }
492   if$
493 }
494
495 FUNCTION {bbl.techrep}
496 {
497   curlanguage "english" =
498   { "Tech. Rep." }

```

```

499     { curlanguage "russian" =
500       { "{\cyr\CYRT\cyre\cyrh.\ \cyrd\cyro\cyrk\cyrl\cyra\cyrd.}" }
501       { "language is not defined: " language "Tech. Rep." * * warning$ "P." }
502       if$
503     }
504   if$
505 }
506
507 FUNCTION {bbl.mthesis}
508 {
509   curlanguage "english" =
510   { "Master's thesis" }
511   { curlanguage "russian" =
512     { "{\cyr\CYRM\cyra\cyrg\cyri\cyrs\cyrt\cyre\cyrr\cyrs\cyrk\cyra\cyrya\ \cyrd\cyri\cyrs"
513       { "language is not defined: " language "Master's thesis" * * warning$ "P." }
514       if$
515     }
516     if$
517   }
518 }
519 FUNCTION {bbl.phdthesis}
520 {
521   curlanguage "english" =
522   { "Ph.D. thesis" }
523   { curlanguage "russian" =
524     { "{\cyr\CYRK\cyra\cyrn\cyrd\cyri\cyrd\cyra\cyrt\cyrs\cyrk\cyra\cyrya\ \cyrd\cyri\cyrs"
525       { "language is not defined: " language "Ph.D. thesis" * * warning$ "P." }
526       if$
527     }
528     if$
529   }
530 }

```

1.7 Формат элементов библиографических ссылок

```

531 INTEGERS { nameptr namesleft numnames }
532

```

format.names

```

533 FUNCTION {format.names}
534 {
535   's :=
536   #1 'nameptr :=
537   s num.names$ 'numnames :=
538   numnames 'namesleft :=
539   { namesleft #0 > }
540   { s nameptr
541     "{vv~}{ll}{~f.}{, jj}" format.name$ 't :=
542     nameptr #1 >
543     {
544       nameptr #4 =
545       numnames #4 > and
546       { "others" 't :=
547         #1 'namesleft := }
548       'skip$
549       if$
550       namesleft #1 >
551       { ", " * t * }
552       {
553         t "others" =
554         t "~others" =
555         or
556         { " " * bbl.etal * }
557         { ", " * t * }
558         if$
559       }
560       if$

```

```

561     }
562     't
563     if$
564     nameptr #1 + 'nameptr :=
565     namesleft #1 - 'namesleft :=
566   }
567   while$
568 }
569

```

format.names.rev

```

570 FUNCTION {format.names.rev}
571 {
572   's :=
573   #1 'nameptr :=
574   s num.names$ 'numnames :=
575   numnames 'namesleft :=
576   { namesleft #0 > }
577   { s nameptr
578     "{f.}{~vv}{~ll}{, jj}" format.name$ 't :=
579     nameptr #1 >
580     {
581       nameptr #4 =
582       numnames #4 > and
583       { "others" 't :=
584         #1 'namesleft := }
585       'skip$
586       if$
587       namesleft #1 >
588       { ", " * t * }
589       {
590         t "others" =
591         t "~others" =
592         or
593         { " " * bbl.etal * }
594         { ", " * t * }
595         if$
596       }
597       if$
598     }
599     't
600     if$
601     nameptr #1 + 'nameptr :=
602     namesleft #1 - 'namesleft :=
603   }
604   while$
605 }
606

```

format.authors

```

607 FUNCTION {format.authors}
608 {
609   author empty$
610   { "" }
611   { author format.names emphasize }
612   if$
613 }
614

```

format.bookauthors

```

615 FUNCTION {format.bookauthors}
616 {
617   bookauthor empty$
618   { "" }
619   { bookauthor format.names }
620   if$
621 }
622

```

```

format.authors.after
623 FUNCTION {format.authors.after}
624 {
625   author empty$
626   { "" }
627   { author format.names.rev }
628   if$
629 }
630

format.bookauthors.after
631 FUNCTION {format.bookauthors.after}
632 {
633   bookauthor empty$
634   { "" }
635   { bookauthor format.names.rev }
636   if$
637 }
638

format.editors.after
639 FUNCTION {format.editors.after}
640 {
641   editor empty$
642   { "" }
643   { bbl.edby editor format.names.rev * }
644   if$
645 }
646

format.compiler.after
647 FUNCTION {format.compiler.after}
648 {
649   compiler empty$
650   { "" }
651   { bbl.cmplr compiler format.names.rev * }
652   if$
653 }
654

format.title
655 FUNCTION {format.title}
656 {
657   title empty$
658   { "" }
659   { title }
660   if$
661 }
662

format.date
663 FUNCTION {format.date}
664 {
665   year empty$
666   { month empty$
667     { "" }
668     { "there's a month but no year in " cite$ * warning$
669       month
670     }
671     if$
672   }
673   { month empty$
674     'year
675     { year ". " quote$ "--- " month * * * * }
676     if$
677   }
678   if$
679 }
680

```

output.address.publisher.date

```
681 FUNCTION {output.address.publisher.date}
682 {
683   address empty$
684     'skip$
685     { address output
686       publisher empty$
687         'skip$
688         { new.column }
689         if$
690       }
691   if$
692   publisher output
693   format.date output
694 }
695
```

output.bibitem

```
696 FUNCTION {output.bibitem}
697 {
698   newline$
699   "\bibitem[" write$
700   "\BibPrefix" write$
701   label write$
702   "\BibPostfix" write$
703   "]" write$
704   cite$ write$
705   "]" write$
706   newline$
707   language empty$
708     { "english" 'curlanguage := }
709     { language 'curlanguage := }
710   if$
711   "\selectlanguageifdefined{" write$
712   curlanguage write$
713   "}" write$ newline$
714   ""
715   before.all 'output.state :=
716 }
717
```

n.dashify

```
718 FUNCTION {n.dashify}
719 {
720   't :=
721   ""
722   { t empty$ not }
723   { t #1 #1 substring$ "-" =
724     { t #1 #2 substring$ "--" = not
725       { "--" *
726         t #2 global.max$ substring$ 't :=
727       }
728       { { t #1 #1 substring$ "-" = }
729         { "-" *
730           t #2 global.max$ substring$ 't :=
731         }
732         while$
733       }
734     if$
735   }
736   { t #1 #1 substring$ *
737     t #2 global.max$ substring$ 't :=
738   }
739   if$
740 }
741 while$
742 }
```

```

743
word.in
744 FUNCTION {word.in} { bbl.iin " " * }
745
format.btitle
746 FUNCTION {format.btitle} { title }
747
tie.or.space.connect
748 FUNCTION {tie.or.space.connect}
749 {
750   duplicate$ text.length$ #3 <
751   { "~" }
752   { " " }
753   if$
754   swap$ * *
755 }
756
tie.connect
757 FUNCTION {tie.connect} { "~" swap$ * * }
758
either.or.check
759 FUNCTION {either.or.check}
760 {
761   empty$
762   'pop$
763   { "can't use both " swap$ * " fields in " * cite$ * warning$ }
764   if$
765 }
766
format.bvolume
767 FUNCTION {format.bvolume}
768 {
769   volume empty$
770   { "" }
771   { bbl.vvol volume tie.connect
772     series empty$
773     'skip$
774     { bbl.of space.word * series emphasize * }
775     if$
776     "volume and number" number either.or.check
777   }
778   if$
779 }
780
format.number.series
781 FUNCTION {format.number.series}
782 {
783   volume empty$
784   { number empty$
785     { series field.or.null }
786     { series empty$
787       { "there's a number but no series in " cite$ * warning$
788         bbl.nnr
789       }
790       { new.sentence
791         series
792         bbl.nr
793         tie.or.space.connect
794       }
795       if$
796       number tie.or.space.connect
797     }
798     if$
799   }

```

```

800     { "" }
801   if$
802 }
803
is.num
804 FUNCTION {is.num}
805 {
806   chr.to.int$
807   duplicate$ "0" chr.to.int$ < not
808   swap$ "9" chr.to.int$ > not and
809 }
810
extract.num
811 FUNCTION {extract.num}
812 {
813   duplicate$ 't :=
814   "" 's :=
815   { t empty$ not }
816   { t #1 #1 substring$
817     t #2 global.max$ substring$ 't :=
818     duplicate$ is.num
819     { s swap$ * 's := }
820     { pop$ "" 't := }
821     if$
822   }
823   while$
824   s empty$
825   'skip$
826   { pop$ s }
827   if$
828 }
829
convert.edition
830 FUNCTION {convert.edition} { edition }
831
format.edition
832 FUNCTION {format.edition}
833 {
834   edition empty$
835   { "" }
836   { output.state mid.sentence =
837     { convert.edition "l" change.case$ " " * bbl.edition * }
838     { convert.edition "t" change.case$ " " * bbl.edition * }
839     if$
840   }
841   if$
842 }
843
844 INTEGERS { multiresult }
845
multi.page.check
846 FUNCTION {multi.page.check}
847 {
848   't :=
849   #0 'multiresult :=
850   { multiresult not
851     t empty$ not
852     and
853   }
854   { t #1 #1 substring$
855     duplicate$ "-" =
856     swap$ duplicate$ "," =
857     swap$ "+" =
858     or or

```

```

859         { #1 'multiresult := }
860         { t #2 global.max$ substring$ 't := }
861         if$
862     }
863     while$
864     multiresult
865 }
866
format.pages
867 FUNCTION {format.pages}
868 {
869     pages empty$
870     { "" }
871     { pages multi.page.check
872       { bbl.ppages pages n.dashify tie.connect }
873       { bbl.ppage pages tie.connect }
874       if$
875     }
876     if$
877 }
878
format.pages.page
879 FUNCTION {format.pages.page}
880 {
881     pages empty$
882     { numpages empty$
883       { "" }
884       { numpages bbl.pages tie.connect }
885       if$
886     }
887     { format.pages }
888     if$
889 }
890
format.vol.num.pages
891 FUNCTION {format.vol.num.pages}
892 {
893     volume field.or.null
894     number empty$
895     'skip$
896     {
897         ", no." number tie.or.space.connect *
898         volume empty$
899         { "there's a number but no volume in " cite$ * warning$ }
900         'skip$
901         if$
902     }
903     if$
904     pages empty$
905     'skip$
906     { duplicate$ empty$
907       { pop$ format.pages }
908       { ": " * pages n.dashify * }
909       if$
910     }
911     if$
912 }
913
format.volume
914 FUNCTION {format.volume}
915 {
916     volume empty$
917     { "" }
918     { bbl.vvol volume tie.or.space.connect }
919     if$

```



```

920 }
921
format.number
922 FUNCTION {format.number}
923 {
924   number empty$
925   { "" }
926   { bbl.nr number tie.or.space.connect }
927   if$
928 }
929
empty.misc.check
930 FUNCTION {empty.misc.check}
931 {
932   author empty$ title empty$ howpublished empty$
933   month empty$ year empty$ note empty$
934   and and and and and
935   key empty$ not and
936   { "all relevant fields are empty in " cite$ * warning$ }
937   'skip$
938   if$
939 }
940
format.thesis.type
941 FUNCTION {format.thesis.type}
942 {
943   type empty$
944   'skip$
945   { pop$
946     type "t" change.case$
947   }
948   if$
949 }
950
format.tr.number
951 FUNCTION {format.tr.number}
952 {
953   type empty$
954   { bbl.techrep }
955   'type
956   if$
957   number empty$
958   { "t" change.case$ }
959   { number tie.or.space.connect }
960   if$
961 }
962
author.before
963 FUNCTION {author.before}
964 {
965   author empty$
966   'skip$
967   {
968     format.authors output
969     new.sentence
970   }
971   if$
972 }
973
bookauthor.before
974 FUNCTION {bookauthor.before}
975 {
976   bookauthor empty$
977   'skip$

```

```

978     {
979         format.bookauthors output
980         new.sentence
981     }
982     if$
983 }
984

```

author.after

```

985 FUNCTION {author.after}
986 {
987     author empty$
988     'skip$
989     { author num.names$ #3 >
990         { format.authors.after output
991             new.semicolumn
992         }
993         'skip$
994         if$
995     }
996     if$
997 }
998

```

bookauthor.after

```

999 FUNCTION {bookauthor.after}
1000 {
1001     bookauthor empty$
1002     'skip$
1003     { bookauthor num.names$ #3 >
1004         { format.bookauthors.after output
1005             new.semicolumn
1006         }
1007         'skip$
1008         if$
1009     }
1010     if$
1011 }
1012

```

editor.organization.after

```

1013 FUNCTION {editor.organization.after}
1014 {
1015     compiler empty$
1016     'skip$
1017     { format.compiler.after output
1018         new.semicolumn
1019     }
1020     if$
1021     editor empty$
1022     'skip$
1023     { format.editors.after output
1024         new.semicolumn
1025     }
1026     if$
1027     organization empty$
1028     'skip$
1029     { organization output
1030         new.semicolumn
1031     }
1032     if$
1033 }
1034

```

format.url

```

1035 FUNCTION {format.url}
1036 {
1037     url empty$
1038     { "" }

```

```

1039     { "\BibUrl{" url * "}" * }
1040   if$
1041 }
1042
format.urldate
1043 FUNCTION {format.urldate}
1044 {
1045   urldate empty$
1046     { "" }
1047     { add.blank
1048       "\BibUrlDate{" urldate * "}" *
1049     }
1050   if$
1051 }
1052
output.url
1053 FUNCTION {output.url}
1054 {
1055   url empty$
1056     'skip$
1057     { format.url output
1058       format.urldate output
1059     }
1060   if$
1061 }
1062
format.annotate
1063 FUNCTION {format.annotate}
1064 {
1065   annotate empty$
1066     { "" }
1067     { after.sentence 'output.state :=
1068       "\BibAnnote{" annotate add.period$ * "}" *
1069     }
1070   if$
1071 }
1072

```

1.8 Описание типов библиографических ссылок

```

article
1073 FUNCTION {article}
1074 {
1075   output.bibitem
1076   author.before
1077   format.title "title" output.check
1078   new.dblslash
1079   journal emphasize "journal" output.check
1080   new.block
1081   format.date output
1082   new.block
1083   format.volume output
1084   format.number output
1085   new.block
1086   format.pages.page output
1087   new.block
1088   note output
1089   new.sentence
1090   output.url
1091   format.annotate output
1092   fin.entry
1093 }
1094
book
1095 FUNCTION {book}

```

```

1096 {
1097   output.bibitem
1098   author.before
1099   format.btitle "title" output.check
1100   editor.organization.after
1101   new.sentence
1102   format.number.series output
1103   new.block
1104   format.edition output
1105   new.block
1106   output.address.publisher.date
1107   new.block
1108   format.bvolume output
1109   new.block
1110   format.pages.page output
1111   new.block
1112   note output
1113   new.sentence
1114   output.url
1115   format.annotate output
1116   fin.entry
1117 }
1118
booklet
1119 FUNCTION {booklet}
1120 {
1121   output.bibitem
1122   author.before
1123   format.title "title" output.check
1124   editor.organization.after
1125   new.block
1126   howpublished output
1127   address output
1128   format.date output
1129   new.block
1130   note output
1131   new.sentence
1132   output.url
1133   format.annotate output
1134   fin.entry
1135 }
1136
inbook
1137 FUNCTION {inbook}
1138 {
1139   output.bibitem
1140   author.before
1141   format.btitle "title" output.check
1142   new.dblslash
1143   bookauthor.before
1144   booktitle "booktitle" output.check
1145   editor.organization.after
1146   new.block
1147   format.edition output
1148   new.block
1149   format.number.series output
1150   new.sentence
1151   output.address.publisher.date
1152   new.block
1153   format.bvolume output
1154   new.block
1155   format.pages.page output
1156   new.block
1157   note output
1158   new.sentence

```

```

1159     output.url
1160     format.annotate output
1161     fin.entry
1162 }
1163
incollection
1164 FUNCTION {incollection}
1165 {
1166     output.bibitem
1167     author.before
1168     new.sentence
1169     format.title "title" output.check
1170     new.dblslash
1171     booktitle "booktitle" output.check
1172     new.slash
1173     editor.organization.after
1174     new.block
1175     output.address.publisher.date
1176     new.block
1177     format.bvolume output
1178     format.number.series output
1179     new.block
1180     format.pages.page output
1181     new.block
1182     note output
1183     new.block
1184     output.url
1185     format.annotate output
1186     fin.entry
1187 }
1188
inproceedings
1189 FUNCTION {inproceedings}
1190 {
1191     output.bibitem
1192     author.before
1193     new.sentence
1194     format.title "title" output.check
1195     new.dblslash
1196     booktitle "booktitle" output.check
1197     new.slash
1198     editor.organization.after
1199     new.block
1200     format.bvolume output
1201     format.number.series output
1202     new.block
1203     address empty$
1204     { publisher output
1205       format.date "year" output.check
1206     }
1207     { address output.nonnull
1208       new.column
1209       publisher output
1210       format.date "year" output.check
1211     }
1212     if$
1213     new.block
1214     format.pages.page output
1215     new.block
1216     note output
1217     new.sentence
1218     output.url
1219     format.annotate output
1220     fin.entry
1221 }

```

```

1222
conference
1223 FUNCTION {conference} { inproceedings }
1224
manual
1225 FUNCTION {manual}
1226 {
1227   output.bibitem
1228   author empty$
1229   { organization empty$
1230     'skip$
1231     { organization output.nonnull
1232       address output
1233     }
1234     if$
1235   }
1236   { format.authors output.nonnull }
1237   if$
1238   new.block
1239   format.btitle "title" output.check
1240   author empty$
1241   { organization empty$
1242     { address new.block.checka
1243       address output
1244     }
1245     'skip$
1246     if$
1247   }
1248   {
1249     organization address new.block.checkb
1250     organization output
1251     address output
1252   }
1253   if$
1254   format.edition output
1255   format.date output
1256   new.block
1257   note output
1258   new.sentence
1259   output.url
1260   format.annotate output
1261   fin.entry
1262 }
1263
mastersthesis
1264 FUNCTION {mastersthesis}
1265 {
1266   output.bibitem
1267   format.authors "author" output.check
1268   new.block
1269   format.btitle "title" output.check
1270   new.block
1271   bbl.mthesis format.thesis.type output.nonnull
1272   school "school" output.check
1273   address output
1274   format.date "year" output.check
1275   new.block
1276   note output
1277   new.block
1278   output.url
1279   format.annotate output
1280   fin.entry
1281 }
1282

```

phdthesis

```
1283 FUNCTION {misc}
1284 {
1285   output.bibitem
1286   format.authors "author" output.check
1287   new.block
1288   format.title "title" output.check
1289   new.block
1290   howpublished output
1291   new.block
1292   format.date output
1293   new.block
1294   note output
1295   new.sentence
1296   output.url
1297   format.annotate output
1298   fin.entry
1299 }
1300
```

phdthesis

```
1301 FUNCTION {phdthesis}
1302 {
1303   output.bibitem
1304   format.authors "author" output.check
1305   new.sentence
1306   format.btitle "title" output.check
1307   new.column
1308   bbl.phdthesis format.thesis.type output.nonnull
1309   new.slash
1310   school "school" output.check
1311   new.block
1312   output.address.publisher.date
1313   new.block
1314   format.pages.page output
1315   note output
1316   new.sentence
1317   output.url
1318   format.annotate output
1319   fin.entry
1320 }
1321
```

proceedings

```
1322 FUNCTION {proceedings}
1323 {
1324   output.bibitem
1325   format.btitle "title" output.check
1326   new.slash
1327   editor.organization.after
1328   new.block
1329   format.bvolume output
1330   format.number.series output
1331   address empty$
1332   { publisher output
1333     format.date "year" output.check
1334   }
1335   { address output.nonnull
1336     format.date "year" output.check
1337     new.sentence
1338     publisher output
1339   }
1340   if$
1341   new.block
1342   note output
1343   new.sentence
1344   output.url

```

```

1345     format.annote output
1346     fin.entry
1347 }
1348
techreport
1349 FUNCTION {techreport}
1350 {
1351     output.bibitem
1352     author.before
1353     new.sentence
1354     format.title "title" output.check
1355     new.column
1356     format.tr.number output.nonnull
1357     editor.organization.after
1358     new.block
1359     address output
1360     new.column
1361     institution "institution" output.check
1362     format.date "year" output.check
1363     new.block
1364     note output
1365     new.sentence
1366     output.url
1367     format.annote output
1368     fin.entry
1369 }
1370
unpublished
1371 FUNCTION {unpublished}
1372 {
1373     output.bibitem
1374     author.before
1375     format.btitle "title" output.check
1376     editor.organization.after
1377     new.block
1378     note "note" output.check
1379     new.sentence
1380     output.url
1381     format.annote output
1382     fin.entry
1383 }
1384
default.type
1385 FUNCTION {default.type} { misc }
1386

```

1.9 Сокращения названий месяцев и журналов

```

1387 MACRO {jan} {"\bbljan{}}
1388
1389 MACRO {feb} {"\bblfeb{}}
1390
1391 MACRO {mar} {"\bblmar{}}
1392
1393 MACRO {apr} {"\bblapr{}}
1394
1395 MACRO {may} {"\bblmay{}}
1396
1397 MACRO {jun} {"\bbljun{}}
1398
1399 MACRO {jul} {"\bbljul{}}
1400
1401 MACRO {aug} {"\bblaug{}}
1402

```



```

1403 MACRO {sep} {"\bblsep{}}
1404
1405 MACRO {oct} {"\bbloct{}}
1406
1407 MACRO {nov} {"\bblnov{}}
1408
1409 MACRO {dec} {"\bbldec{}}
1410
1411 MACRO {acmcs} {"ACM Computing Surveys"}
1412
1413 MACRO {acta} {"Acta Informatica"}
1414
1415 MACRO {cacm} {"Communications of the ACM"}
1416
1417 MACRO {ibmjrd} {"IBM Journal of Research and Development"}
1418
1419 MACRO {ibmsj} {"IBM Systems Journal"}
1420
1421 MACRO {ieeese} {"IEEE Transactions on Software Engineering"}
1422
1423 MACRO {ieeetc} {"IEEE Transactions on Computers"}
1424
1425 MACRO {ieeetcad}
1426 {"IEEE Transactions on Computer-Aided Design of Integrated Circuits"}
1427
1428 MACRO {ipl} {"Information Processing Letters"}
1429
1430 MACRO {jacm} {"Journal of the ACM"}
1431
1432 MACRO {jcss} {"Journal of Computer and System Sciences"}
1433
1434 MACRO {scp} {"Science of Computer Programming"}
1435
1436 MACRO {sicomp} {"SIAM Journal on Computing"}
1437
1438 MACRO {tocs} {"ACM Transactions on Computer Systems"}
1439
1440 MACRO {tods} {"ACM Transactions on Database Systems"}
1441
1442 MACRO {tog} {"ACM Transactions on Graphics"}
1443
1444 MACRO {toms} {"ACM Transactions on Mathematical Software"}
1445
1446 MACRO {toois} {"ACM Transactions on Office Information Systems"}
1447
1448 MACRO {toplas} {"ACM Transactions on Programming Languages and Systems"}
1449
1450 MACRO {tcs} {"Theoretical Computer Science"}
1451
1452 READ
1453

```

1.10 Функции для сортировки списка литературы по именам авторов и названиям

```

1454 (*gost705s)

sortify
1455 FUNCTION {sortify}
1456 {
1457   purify$
1458   "1" change.case$
1459 }
1460
1461 INTEGERS { len }
1462
chop.word

```

```

1463 FUNCTION {chop.word}
1464 {
1465   's :=
1466   'len :=
1467   s #1 len substring$ =
1468   { s len #1 + global.max$ substring$ }
1469   's
1470   if$
1471 }
1472
sort.format.names
1473 FUNCTION {sort.format.names}
1474 {
1475   's :=
1476   #1 'nameptr :=
1477   ""
1478   s num.names$ 'numnames :=
1479   numnames 'namesleft :=
1480   { namesleft #0 > }
1481   { nameptr #1 >
1482     { " " * }
1483     'skip$
1484     if$
1485     s nameptr
1486     "{vv{ } }{ll{ }}{ f{ }}{ jj{ }}"
1487     format.name$ 't :=
1488     nameptr numnames = t "others" = and
1489     { "et al" * }
1490     { t sortify * }
1491     if$
1492     nameptr #1 + 'nameptr :=
1493     namesleft #1 - 'namesleft :=
1494   }
1495   while$
1496 }
1497
sort.format.title
1498 FUNCTION {sort.format.title}
1499 {
1500   't :=
1501   "A " #2
1502   "An " #3
1503   "The " #4 t chop.word
1504   chop.word
1505   chop.word
1506   sortify
1507   #1 global.max$ substring$
1508 }
1509
author.sort
1510 FUNCTION {author.sort}
1511 {
1512   author empty$
1513   { key empty$
1514     { "to sort, need author or key in " cite$ * warning$
1515       ""
1516     }
1517     { key sortify }
1518     if$
1519   }
1520   {
1521     author sort.format.names
1522   }
1523   if$
1524 }

```

1525

author.title.sort

```
1526 FUNCTION {author.title.sort}
1527 {
1528   author empty$
1529   { title empty$
1530     { key empty$
1531       { "to sort, need author, title, or key in " cite$ * warning$
1532         ""
1533       }
1534       { key sortify }
1535     } if$
1536   }
1537   { title sort.format.title }
1538 } if$
1539 }
1540 {
1541   author sort.format.names
1542 }
1543 } if$
1544 }
1545
```

presort

```
1546 FUNCTION {presort}
1547 {
1548   author.title.sort
1549   " "
1550   *
1551   year field.or.null sortify
1552   *
1553   " "
1554   *
1555   title field.or.null
1556   sort.format.title
1557   *
1558   #1 entry.max$ substring$
1559   'sort.key$ :=
1560 }
1561
1562 ITERATE {presort}
1563
1564 SORT
1565
1566 </gost705s>
1567
```

1.11 Вычисление длины табуляции между номером и текстом

```
1568 STRINGS { longest.label }
1569
1570 INTEGERS { number.label longest.label.width }
1571
```

initialize.longest.label

```
1572 FUNCTION {initialize.longest.label}
1573 {
1574   "" 'longest.label :=
1575   #1 'number.label :=
1576   #0 'longest.label.width :=
1577 }
1578
```

longest.label.pass

```
1579 FUNCTION {longest.label.pass}
1580 {
1581   number.label int.to.str$ 'label :=
1582   number.label #1 + 'number.label :=
```

```

1583 label width$ longest.label.width >
1584 { label 'longest.label :=
1585     label width$ 'longest.label.width :=
1586 }
1587 'skip$
1588 if$
1589 }
1590
1591 EXECUTE {initialize.longest.label}
1592
1593 ITERATE {longest.label.pass}
1594

```

1.12 Формирование окружения thebibliography

1.12.1 Преамбула

begin.bib

```

1595 FUNCTION {begin.bib}
1596 {
1597     preamble$ empty$
1598     'skip$
1599     { preamble$ write$ newline$ }
1600     if$
1601     "\makeatletter\renewcommand{\@biblabel}[1]{#1.}\makeatother"
1602     write$ newline$
1603     "\ifx\undefined\BibPrefix\def\BibPrefix{}\else\fi"
1604     write$ newline$
1605     "\ifx\undefined\BibPostfix\def\BibPostfix{}\else\fi"
1606     write$ newline$
1607     "\ifx\undefined\BibEmph\def\BibEmph#1{#1}\else\fi"
1608     write$ newline$
1609     "\ifx\undefined\url\def\url#1{\texttt{#1}}\else\fi"
1610     write$ newline$
1611     "\ifx\undefined\urlprefix\def\urlprefix{URL: }\else\fi"
1612     write$ newline$
1613     "\ifx\undefined\BibUrl\def\BibUrl#1{\urlprefix\url{#1}}\else\fi"
1614     write$ newline$
1615     "\ifx\undefined\BibUrlDate\long\def\BibUrlDate#1{({%"
1616     write$ newline$
1617     "\cyr\cyrd\cyra\cyrt\cyra\ %"
1618     write$ newline$
1619     "\cyro\cyrb\cyrr\cyra\cyrshch\cyre\cyrn\cyri\cyrya}: #1)}\else\fi"
1620     write$ newline$
1621     "\ifx\undefined\BibAnnote\long\def\BibAnnote#1{#1}\else\fi"
1622     write$ newline$
1623     "\begin{thebibliography}{\BibPrefix" longest.label * "\BibPostfix}" *
1624     write$ newline$
1625     "\def\selectlanguageifdefined#1{"
1626     write$ newline$
1627     "\expandafter\ifx\csname date#1\endcsname\relax"
1628     write$ newline$
1629     "\else\language\csname l@#1\endcsname\fi}"
1630     write$ newline$
1631 }
1632

```

1.12.2 Начало окружения

```

1633 EXECUTE {begin.bib}
1634
1635 EXECUTE {init.state.consts}
1636
1637 ITERATE {call.type$}
1638

```

1.12.3 Конец окружения

end.bib

```
1639 FUNCTION {end.bib}
1640 {
1641   newline$
1642   "\end{thebibliography}" write$ newline$
1643 }
1644
1645 EXECUTE {end.bib}
1646
1647 </gost705 | gost705s>
```

2 Предметный указатель

Функции

add.blank	4	new.block.checkb	5
and	4	new.block	3
article	19	new.column	4
author.after	17	new.dblslash	3
author.before	17	new.semicolumn	4
author.sort	26	new.sentence.checka	5
author.title.sort	26	new.sentence.checkb	5
begin.bib	27	new.sentence	4
bookauthor.after	18	new.slash	3
bookauthor.before	17	non.stop	5
booklet	20	not	4
book	19	or	4
change.language	2	output.address.publisher.date	12
chop.word	25	output.bibitem	12
conference	21	output.check	3
convert.edition	15	output.nonnull	2
default.type	24	output.url	18
editor.organization.after	18	output	3
either.or.check	14	phdthesis	22, 23
emphasize	5	presort	27
empty.misc.check	16	proceedings	23
end.bib	28	sort.format.names	25
extract.num	14	sort.format.title	26
field.or.null	5	sortify	25
fin.entry	3	space.word	6
format.annotate	19	techreport	23
format.authors.after	11	tie.connect	13
format.authors	11	tie.or.space.connect	13
format.bookauthors.after	11	unpublished	24
format.bookauthors	11	word.in	13
format.btitle	13		
format.bvolume	14		
format.compiler.after	12		
format.date	12		
format.edition	15		
format.editors.after	11		
format.names.rev	10		
format.names	10		
format.number.series	14		
format.number	16		
format.pages.page	16		
format.pages	15		
format.thesis.type	17		
format.title	12		
format.tr.number	17		
format.urldate	18		
format.url	18		
format.vol.num.pages	16		
format.volume	16		
inbook	20		
incollection	20		
init.state.consts	2		
initialize.longest.label	27		
inproceedings	21		
is.num	14		
longest.label.pass	27		
manual	21		
mastersthesis	22		
multi.page.check	15		
n.dashify	13		
new.block.checka	5		