

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     isbn
36     doi
37     archive
38     archivePrefix
39     primaryClass
40     eprint
41 }
42 {}
43 { label }
44

```

1.2 Объявление и инициализация переменных и констант

```

45 INTEGERS { output.state before.all mid.sentence after.sentence after.block
46 after.dblslash after.slash after.column after.semicolumn }
47

```

init.state.consts

```

48 FUNCTION {init.state.consts}
49 {
50   #0 'before.all :=
51   #1 'mid.sentence :=
52   #2 'after.sentence :=
53   #3 'after.block :=
54   #4 'after.dblslash :=
55   #5 'after.slash :=
56   #6 'after.column :=
57   #7 'after.semicolumn :=
58 }
59
60 STRINGS { s t }
61
62 STRINGS { curlanguage }
63

```

1.3 Переключение языка

change.language

```

64 FUNCTION {change.language}
65 {
66   booklanguage empty$
67   { "" }
68   { booklanguage 'curlanguage :=
69     "\selectlanguageifdefined{"
70     curlanguage *
71     "}" *
72   }
73   if$
74 }

```

1.4 Вывод библиографической записи

output.nonnull

```

76 FUNCTION {output.nonnull}
77 {
78   swap$
79   output.state mid.sentence =
80   { ", " * write$ }
81   { output.state after.block =
82     { add.period$ " " * write$
83       newline$
84       "\newblock " write$
85     }
86     { output.state before.all =
87       'write$
88       { output.state after.dblslash =
89         { "~//" * change.language * " " * write$ }
90         { output.state after.slash =
91           { "~/ " * write$ }
92           { output.state after.column =
93             { ": " * write$ }
94             { output.state after.semicolumn =
95               { "; " * write$ }
96               { add.period$ " " * write$ }
97             if$
98           }
99         if$
100       }
101       if$
102     }
103     if$
104   }
105   if$
106 }
107 if$
108 mid.sentence 'output.state :=
109 }
110 if$
111 }
112

```

output

```

113 FUNCTION {output}
114 {
115   duplicate$ empty$
116   'pop$
117   'output.nonnull
118   if$
119 }
120

```

output.check

```

121 FUNCTION {output.check}
122 {
123   't :=
124   duplicate$ empty$
125   { pop$ "empty " t * " in " * cite$ * warning$ }
126   'output.nonnull
127   if$
128 }
129

```

1.5 Вывод блоков и ограничителей

```
fin.entry
130 FUNCTION {fin.entry}
131 {
132   add.period$
133   write$
134   newline$
135 }
136

new.block
137 FUNCTION {new.block}
138 {
139   output.state before.all =
140     'skip$
141     { after.block 'output.state := }
142   if$
143 }
144

new.dblslash
145 FUNCTION {new.dblslash}
146 {
147   output.state before.all =
148     'skip$
149     { after.dblslash 'output.state := }
150   if$
151 }
152

new.slash
153 FUNCTION {new.slash}
154 {
155   output.state before.all =
156     'skip$
157     { after.slash 'output.state := }
158   if$
159 }
160

new.column
161 FUNCTION {new.column}
162 {
163   output.state before.all =
164     'skip$
165     { after.column 'output.state := }
166   if$
167 }
168

new.semicolumn
169 FUNCTION {new.semicolumn}
170 {
171   output.state before.all =
172     'skip$
173     { after.semicolumn 'output.state := }
174   if$
175 }
176

new.sentence
177 FUNCTION {new.sentence}
178 {
179   output.state after.block =
180     'skip$
181     { output.state before.all =
182       'skip$
```

```

183         { after.sentence 'output.state := }
184     if$
185 }
186 if$
187 }
188
add.blank
189 FUNCTION {add.blank} { " " * before.all 'output.state := }
190
not
191 FUNCTION {not}
192 {
193     { #0 }
194     { #1 }
195     if$
196 }
197
and
198 FUNCTION {and}
199 {
200     'skip$
201     { pop$ #0 }
202     if$
203 }
204
or
205 FUNCTION {or}
206 {
207     { pop$ #1 }
208     'skip$
209     if$
210 }
211
non.stop
212 FUNCTION {non.stop}
213 {
214     duplicate$
215     "]" * add.period$
216     #-1 #1 substring$ "." =
217 }
218
new.block.checka
219 FUNCTION {new.block.checka}
220 {
221     empty$
222     'skip$
223     'new.block
224     if$
225 }
226
new.block.checkb
227 FUNCTION {new.block.checkb}
228 {
229     empty$
230     swap$ empty$
231     and
232     'skip$
233     'new.block
234     if$
235 }
236

```

new.sentence.checka

```
237 FUNCTION {new.sentence.checka}
238 {
239   empty$
240   'skip$
241   'new.sentence
242   if$
243 }
244
```

new.sentence.checkb

```
245 FUNCTION {new.sentence.checkb}
246 {
247   empty$
248   swap$ empty$
249   and
250   'skip$
251   'new.sentence
252   if$
253 }
254
```

field.or.null

```
255 FUNCTION {field.or.null}
256 {
257   duplicate$ empty$
258   { pop$ "" }
259   'skip$
260   if$
261 }
262
```

emphasize

```
263 FUNCTION {emphasize}
264 {
265   duplicate$ empty$
266   { pop$ "" }
267   { "\BibEmph{" swap$ * "}" * }
268   if$
269 }
270
```

space.word

```
271 FUNCTION {space.word} { " " swap$ * " " * }
272
```

1.6 Общепринятые сокращения

```
273 FUNCTION {bbl.edby} % { "\bbledby{" }
274 {
275   curlanguage "english" =
276   { "Ed. by " }
277   { curlanguage "german" =
278     { "ed. " }
279     { curlanguage "russian" =
280       { "{\cyr\CYRP\cyro\cyrd\ \cyrr\cyre\cyrd.\ }" }
281       { "language is not defined: " language "edited by" * *
282         warning$ "edited by" }
283       if$
284     }
285     if$
286   }
287   if$
288 }
289
```

bbl.cmplr

```
290 FUNCTION {bbl.cmplr}
```

```

291 {
292   curlanguage "english" =
293   { "Compiler " }
294   { curlanguage "german" =
295     { "Hrsg. " }
296     { curlanguage "russian" =
297       { "{\cyr\CYRS\cyro\cyrs\cyrt.\ }" }
298       { "language is not defined: " language "compiler" * * warning$ "compiler" }
299     if$
300   }
301   if$
302 }
303 if$
304 }
305
bbl.edition
306 FUNCTION {bbl.edition} % { "\bbledition{" }
307 {
308   curlanguage "english" =
309   { "edition" }
310   { curlanguage "german" =
311     { "Aufl." }
312     { curlanguage "russian" =
313       { "{\cyr\cyri\cyroz\cyrd.}" }
314       { "language is not defined: " language "edition" * * warning$ "edition" }
315     if$
316   }
317   if$
318 }
319 if$
320 }
321
bbl.vvolume
322 FUNCTION {bbl.vvolume} % { "\bblVolume{" }
323 {
324   curlanguage "english" =
325   { "Volume" }
326   { curlanguage "german" =
327     { "Band" }
328     { curlanguage "russian" =
329       { "{\cyr\CYRT\cyro\cyrm}" }
330       { "language is not defined: " language "Volume" * * warning$ "Volume" }
331     if$
332   }
333   if$
334 }
335 if$
336 }
337
bbl.vvol
338 FUNCTION {bbl.vvol} % { "\bblVol{" }
339 {
340   curlanguage "english" =
341   { "Vol." }
342   { curlanguage "german" =
343     { "Bd." }
344     { curlanguage "russian" =
345       { "{\cyr\CYRT.}" }
346       { "language is not defined: " language "Vol." * * warning$ "Vol." }
347     if$
348   }
349   if$
350 }
351 if$
352 }

```

```

353
bbl.iissue
354 FUNCTION {bbl.iissue} % { "\bblIssue{}" }
355 {
356   curlanguage "english" =
357     { "Issue" }
358   { curlanguage "german" =
359     { "Heft" }
360     { curlanguage "russian" =
361       { "{\cyr\CYRV\cyrrery\cyrrp\cyru\cyrs\cyrk}" }
362       { "language is not defined: " language * warning$ "Issue" }
363       if$
364     }
365     if$
366   }
367   if$
368 }
369

bbl.iiss
370 FUNCTION {bbl.iiss} % { "\bblIss{}" }
371 {
372   curlanguage "english" =
373     { "Iss." }
374   { curlanguage "german" =
375     { "H." }
376     { curlanguage "russian" =
377       { "{\cyr\CYRV\cyrrery\cyrrp.}" }
378       { "language is not defined: " language * warning$ "Iss." }
379       if$
380     }
381     if$
382   }
383   if$
384 }
385

bbl.of
386 FUNCTION {bbl.of} % { "\bblOf{}" }
387 {
388   curlanguage "english" =
389     { "of" }
390   { curlanguage "german" =
391     { "von" }
392     { curlanguage "russian" =
393       { "{\cyr\cyri\cyrrz}" }
394       { "language is not defined: " language * warning$ "of" }
395       if$
396     }
397     if$
398   }
399   if$
400 }
401

bbl.etal
402 FUNCTION {bbl.etal} % { "\bblOf{}" }
403 {
404   curlanguage "english" =
405     { "et~al." }
406   { curlanguage "german" =
407     { "u.~a." }
408     { curlanguage "russian" =
409       { "{\cyr\cyri~\cyrd\cyrr.}" }
410       { "language is not defined: " language * warning$ "etal" }
411       if$
412     }
413     if$

```



```

414     }
415     if$
416 }
417
bbl.nnumber
418 FUNCTION {bbl.nnumber} % { "\bblNumber{}" }
419 {
420     curlanguage "english" =
421     { "Number" }
422     { curlanguage "german" =
423     { "Heft" }
424     { curlanguage "russian" =
425     { "{\cyr\CYRN\cyro\cyrm\cyre\cyrr}" }
426     { "language is not defined: " language * warning$ "Number" }
427     if$
428     }
429     if$
430     }
431     if$
432 }
433
bbl.number
434 FUNCTION {bbl.number} % { "\bblnumber{}" }
435 {
436     curlanguage "english" =
437     { "number" }
438     { curlanguage "german" =
439     { "Heft" }
440     { curlanguage "russian" =
441     { "{\cyr\cyrn\cyro\cyrm\cyre\cyrr}" }
442     { "language is not defined: " language * warning$ "number" }
443     if$
444     }
445     if$
446     }
447     if$
448 }
449
bbl.nr
450 FUNCTION {bbl.nr} % { "\bblno{}" }
451 {
452     curlanguage "english" =
453     { "no." }
454     { curlanguage "german" =
455     { "H." }
456     { curlanguage "russian" =
457     { "{\cyr\textnumero}" }
458     { "language is not defined: " language * warning$ "no" }
459     if$
460     }
461     if$
462     }
463     if$
464 }
465
bbl.nnr
466 FUNCTION {bbl.nnr} % { "\bblno{}" }
467 {
468     curlanguage "english" =
469     { "No." }
470     { curlanguage "german" =
471     { "H." }
472     { curlanguage "russian" =
473     { "{\cyr\textnumero}" }
474     { "language is not defined: " language * warning$ "No" }

```

```

475     if$
476   }
477   if$
478   }
479   if$
480 }
481
bbl.in
482 FUNCTION {bbl.in} % { "\bblin{}" }
483 {
484   curlanguage "english" =
485   { "in" }
486   { curlanguage "german" =
487     { "in" }
488     { curlanguage "russian" =
489       { "{\cyr\cyrv}" }
490       { "language is not defined: " language * warning$ "in" }
491       if$
492     }
493   if$
494   }
495   if$
496 }
497
bbl.iin
498 FUNCTION {bbl.iin} % { "\bblIn{}" }
499 {
500   curlanguage "english" =
501   { "In" }
502   { curlanguage "german" =
503     { "In" }
504     { curlanguage "russian" =
505       { "{\cyr\CYRV}" }
506       { "language is not defined: " language * warning$ "In" }
507       if$
508     }
509   if$
510   }
511   if$
512 }
513
bbl.pages
514 FUNCTION {bbl.pages} % { "\bblpp." }
515 {
516   curlanguage "english" =
517   { "p." }
518   { curlanguage "german" =
519     { "S." }
520     { curlanguage "russian" =
521       { "{\cyr\cyrs.}" }
522       { "language is not defined: " language * warning$ "p." }
523       if$
524     }
525   if$
526   }
527   if$
528 }
529
bbl.page
530 FUNCTION {bbl.page} % { "\bblp." }
531 {
532   curlanguage "english" =
533   { "p." }
534   { curlanguage "german" =
535     { "S." }

```

```

536     { curlanguage "russian" =
537       { "{\cyr\cyrs.}" }
538       { "language is not defined: " language * warning$ "p." }
539     if$
540   }
541   if$
542 }
543 if$
544 }
545

bbl.ppages
546 FUNCTION {bbl.ppages} % { "\bblPp." }
547 {
548   curlanguage "english" =
549   { "P." }
550   { curlanguage "german" =
551     { "S." }
552     { curlanguage "russian" =
553       { "{\cyr\CYRS.}" }
554       { "language is not defined: " language * warning$ "P." }
555     if$
556   }
557   if$
558 }
559 if$
560 }
561

bbl.ppage
562 FUNCTION {bbl.ppage} % { "\bblP." }
563 {
564   curlanguage "english" =
565   { "P." }
566   { curlanguage "german" =
567     { "S." }
568     { curlanguage "russian" =
569       { "{\cyr\CYRS.}" }
570       { "language is not defined: " language * warning$ "P." }
571     if$
572   }
573   if$
574 }
575 if$
576 }
577

bbl.techrep
578 FUNCTION {bbl.techrep}
579 {
580   curlanguage "english" =
581   { "Tech.~Rep." }
582   { curlanguage "german" =
583     { "Tech.~Bericht" }
584     { curlanguage "russian" =
585       { "{\cyr\CYRT\cyre\cyrh.\ \cyrd\cyro\cyrk\cyrl\cyra\cyrd.}" }
586       { "language is not defined: " language * warning$ "Tech Rep" }
587     if$
588   }
589   if$
590 }
591 if$
592 }
593

bbl.mthesis
594 FUNCTION {bbl.mthesis}
595 {
596   curlanguage "english" =

```

```

597 { "Master's thesis" }
598 { curlanguage "german" =
599   { "Diss.~Mag." }
600   { curlanguage "russian" =
601     { "{\cyr\CYRM\cyra\cyrg\cyri\cyrs\cyrt\cyre\cyrr\cyrs\cyrk\cyra\cyrya\ "
602       "\cyrd\cyri\cyrs\cyrs\cyre\cyrr\cyrt\cyra\cyrc\cyri\cyrya}" * }
603     { "language is not defined: " language * warning$ "In" }
604     if$
605   }
606   if$
607 }
608 if$
609 }
610
bbl.phdthesis
611 FUNCTION {bbl.phdthesis}
612 {
613   curlanguage "english" =
614     { "Ph.\,D. thesis" }
615     { curlanguage "german" =
616       { "Diss.~Ph.\,D." }
617       { curlanguage "russian" =
618         { "{\cyr\CYRK\cyra\cyrn\cyrd\cyri\cyrd\cyra\cyrt\cyrs\cyrk\cyra\cyrya\ "
619           "\cyrd\cyri\cyrs\cyrs\cyre\cyrr\cyrt\cyra\cyrc\cyri\cyrya}" * }
620         { "language is not defined: " language * warning$ "In" }
621         if$
622       }
623       if$
624     }
625     if$
626 }
627
bbl.docdisser
628 FUNCTION {bbl.docdisser}
629 {
630   curlanguage "english" =
631     { "Dr.\,Sci. dissertation" }
632     { curlanguage "german" =
633       { "Diss.~Dr." }
634       { curlanguage "russian" =
635         { "{\cyr\CYRD\cyro\cyrk\cyrt\cyro\cyrr\cyrs\cyrk\cyra\cyrya\ "
636           "\cyrd\cyri\cyrs\cyrs\cyre\cyrr\cyrt\cyra\cyrc\cyri\cyrya}" * }
637         { "language is not defined: " language * warning$ "In" }
638         if$
639       }
640       if$
641     }
642     if$
643 }
644
1.7 Формат элементов библиографических ссылок
645 INTEGERS { nameptr namesleft numnames }
646
format.names
647 FUNCTION {format.names}
648 {
649   's :=
650   #1 'nameptr :=
651   s num.names$ 'numnames :=
652   numnames 'namesleft :=
653   { namesleft #0 > }
654   { s nameptr
655     "{vv~}{ll}{~f.}{, jj}" format.name$ 't :=
656     nameptr #1 >

```

```

657     { nameptr #4 =
658       numnames #4 > and
659       { "others" 't :=
660         #1 'namesleft := }
661       'skip$
662     if$
663     namesleft #1 >
664     { ", " * t * }
665     { t "others" =
666       t "~others" =
667       or
668       { " " * bbl.etal * }
669       { ", " * t * }
670     if$
671   }
672   if$
673 }
674 't
675 if$
676 nameptr #1 + 'nameptr :=
677 namesleft #1 - 'namesleft :=
678 }
679 while$
680 }
681
format.names.rev
682 FUNCTION {format.names.rev}
683 {
684   's :=
685   #1 'nameptr :=
686   s num.names$ 'numnames :=
687   numnames 'namesleft :=
688   { namesleft #0 > }
689   { s nameptr
690     "{f.}{~vv}{~ll}{, jj}" format.name$ 't :=
691     nameptr #1 >
692     { nameptr #4 =
693       numnames #4 > and
694       { "others" 't :=
695         #1 'namesleft := }
696       'skip$
697     if$
698     namesleft #1 >
699     { ", " * t * }
700     { t "others" =
701       t "~others" =
702       or
703       { " " * bbl.etal * }
704       { ", " * t * }
705     if$
706   }
707   if$
708 }
709 't
710 if$
711 nameptr #1 + 'nameptr :=
712 namesleft #1 - 'namesleft :=
713 }
714 while$
715 }
716
format.authors
717 FUNCTION {format.authors}
718 {
719   author empty$

```

```

720     { "" }
721     { author format.names emphasize }
722   if$
723 }
724
format.bookauthors
725 FUNCTION {format.bookauthors}
726 {
727   bookauthor empty$
728     { "" }
729     { bookauthor format.names }
730   if$
731 }
732
format.authors.after
733 FUNCTION {format.authors.after}
734 {
735   author empty$
736     { "" }
737     { author format.names.rev }
738   if$
739 }
740
format.bookauthors.after
741 FUNCTION {format.bookauthors.after}
742 {
743   bookauthor empty$
744     { "" }
745     { bookauthor format.names.rev }
746   if$
747 }
748
format.editors.after
749 FUNCTION {format.editors.after}
750 {
751   editor empty$
752     { "" }
753     { bbl.edby editor format.names.rev * }
754   if$
755 }
756
format.compiler.after
757 FUNCTION {format.compiler.after}
758 {
759   compiler empty$
760     { "" }
761     { bbl.cmplr compiler format.names.rev * }
762   if$
763 }
764
format.title
765 FUNCTION {format.title}
766 {
767   title empty$
768     { "" }
769     { title }
770   if$
771 }
772
format.date
773 FUNCTION {format.date}
774 {
775   year empty$
776     { month empty$

```

```

777     { "" }
778     { "there's a month but no year in " cite$ * warning$ month }
779     if$
780   }
781   { month empty$
782     'year
783     { year ". " quote$ "--- " month * * * * }
784     if$
785   }
786   if$
787 }
788

```

output.address.publisher.date

```

789 FUNCTION {output.address.publisher.date}
790 {
791   address empty$
792     'skip$
793   { address output
794     publisher empty$
795       'skip$
796     { new.column }
797     if$
798   }
799   if$
800   publisher output
801   format.date output
802 }
803

```

output.bibitem

```

804 FUNCTION {output.bibitem}
805 {
806   newline$
807   "\bibitem" "{" * write$
808   cite$ write$
809   "}" write$
810   newline$
811   language empty$
812     { "english" 'curlanguage := }
813     { language 'curlanguage := }
814   if$
815   "\selectlanguageifdefined{" write$
816   curlanguage write$
817   "}" write$ newline$
818   ""
819   before.all 'output.state :=
820 }
821

```

n.dashify

```

822 FUNCTION {n.dashify}
823 {
824   't :=
825   ""
826   { t empty$ not }
827   { t #1 #1 substring$ "-" =
828     { t #1 #2 substring$ "--" = not
829       { "--" *
830         t #2 global.max$ substring$ 't :=
831       }
832       { { t #1 #1 substring$ "-" = }
833         { "-" *
834           t #2 global.max$ substring$ 't :=
835         }
836       } while$
837     }
838   if$

```

```

839     }
840     { t #1 #1 substring$ *
841       t #2 global.max$ substring$ 't :=
842     }
843     if$
844   }
845   while$
846 }
847
word.in
848 FUNCTION {word.in} { bbl.iin " " * }
849
format.btitle
850 FUNCTION {format.btitle} { title }
851
tie.or.space.connect
852 FUNCTION {tie.or.space.connect}
853 {
854   duplicate$ text.length$ #3 <
855   { "~" }
856   { " " }
857   if$
858   swap$ * *
859 }
860
tie.connect
861 FUNCTION {tie.connect} { "~" swap$ * * }
862
either.or.check
863 FUNCTION {either.or.check}
864 {
865   empty$
866   'pop$
867   { "can't use both " swap$ * " fields in " * cite$ * warning$ }
868   if$
869 }
870
format.bvolume
871 FUNCTION {format.bvolume}
872 {
873   volume empty$
874   { "" }
875   { bbl.vvol volume tie.connect
876     series empty$
877     'skip$
878     { bbl.of space.word * series emphasize * }
879     if$
880     "volume and number" number either.or.check
881   }
882   if$
883 }
884
format.number.series
885 FUNCTION {format.number.series}
886 {
887   volume empty$
888   { number empty$
889     { series field.or.null }
890     { series empty$
891       { "there's a number but no series in " cite$ * warning$
892         bbl.nnr
893       }
894       { new.sentence
895         bbl.iiss series tie.or.space.connect

```



```

896             ", " * bbl.nr
897             tie.or.space.connect
898         }
899         if$
900         number tie.or.space.connect
901     }
902     if$
903 }
904 { "" }
905 if$
906 }
907
is.num
908 FUNCTION {is.num}
909 {
910     chr.to.int$
911     duplicate$ "0" chr.to.int$ < not
912     swap$ "9" chr.to.int$ > not and
913 }
914
extract.num
915 FUNCTION {extract.num}
916 {
917     duplicate$ 't :=
918     "" 's :=
919     { t empty$ not }
920     { t #1 #1 substring$
921         t #2 global.max$ substring$ 't :=
922         duplicate$ is.num
923         { s swap$ * 's := }
924         { pop$ "" 't := }
925         if$
926     }
927     while$
928     s empty$
929     'skip$
930     { pop$ s }
931     if$
932 }
933
convert.edition
934 FUNCTION {convert.edition} { edition }
935
format.edition
936 FUNCTION {format.edition}
937 {
938     edition empty$
939     { "" }
940     { output.state mid.sentence =
941         { convert.edition "l" change.case$ " " * bbl.edition * }
942         { convert.edition "t" change.case$ " " * bbl.edition * }
943         if$
944     }
945     if$
946 }
947
948 INTEGERS { multiresult }
949
multi.page.check
950 FUNCTION {multi.page.check}
951 {
952     't :=
953     #0 'multiresult :=
954     { multiresult not

```

```

955     t empty$ not
956     and
957   }
958   { t #1 #1 substring$
959     duplicate$ "-" =
960     swap$ duplicate$ "," =
961     swap$ "+" =
962     or or
963     { #1 'multiresult := }
964     { t #2 global.max$ substring$ 't := }
965     if$
966   }
967   while$
968   multiresult
969 }
970

```

format.pages

```

971 FUNCTION {format.pages}
972 {
973   pages empty$
974   { "" }
975   { pages multi.page.check
976     { bbl.ppages pages n.dashify tie.connect }
977     { bbl.ppage pages tie.connect }
978     if$
979   }
980   if$
981 }
982

```

format.pages.page

```

983 FUNCTION {format.pages.page}
984 {
985   pages empty$
986   { numpages empty$
987     { "" }
988     { numpages bbl.pages tie.connect }
989     if$
990   }
991   { format.pages }
992   if$
993 }
994

```

format.vol.num.pages

```

995 FUNCTION {format.vol.num.pages}
996 {
997   volume field.or.null
998   number empty$
999   'skip$
1000   { ", no." number tie.or.space.connect *
1001     volume empty$
1002     { "there's a number but no volume in " cite$ * warning$ }
1003     'skip$
1004     if$
1005   }
1006   if$
1007   pages empty$
1008   'skip$
1009   { duplicate$ empty$
1010     { pop$ format.pages }
1011     { ": " * pages n.dashify * }
1012     if$
1013   }
1014   if$
1015 }
1016

```

```

format.volume
1017 FUNCTION {format.volume}
1018 {
1019   volume empty$
1020   { "" }
1021   { bbl.vvol volume tie.or.space.connect }
1022   if$
1023 }
1024

format.number
1025 FUNCTION {format.number}
1026 {
1027   number empty$
1028   { "" }
1029   { bbl.nr number tie.or.space.connect }
1030   if$
1031 }
1032

empty.misc.check
1033 FUNCTION {empty.misc.check}
1034 {
1035   author empty$ title empty$ howpublished empty$
1036   month empty$ year empty$ note empty$
1037   and and and and
1038   key empty$ not and
1039   { "all relevant fields are empty in " cite$ * warning$ }
1040   'skip$
1041   if$
1042 }
1043

format.thesis.type
1044 FUNCTION {format.thesis.type}
1045 {
1046   type empty$
1047   'skip$
1048   { pop$
1049     type "t" change.case$
1050   }
1051   if$
1052 }
1053

format.tr.number
1054 FUNCTION {format.tr.number}
1055 {
1056   type empty$
1057   { bbl.techrep }
1058   'type
1059   if$
1060   number empty$
1061   { "t" change.case$ }
1062   { number tie.or.space.connect }
1063   if$
1064 }
1065

author.before
1066 FUNCTION {author.before}
1067 {
1068   author empty$
1069   'skip$
1070   { format.authors output
1071     new.sentence
1072   }
1073   if$
1074 }

```

```

1075
bookauthor.before
1076 FUNCTION {bookauthor.before}
1077 {
1078   bookauthor empty$
1079   'skip$
1080   { format.bookauthors output
1081     new.sentence
1082   }
1083   if$
1084 }
1085
author.after
1086 FUNCTION {author.after}
1087 {
1088   author empty$
1089   'skip$
1090   { author num.names$ #3 >
1091     { format.authors.after output
1092       new.semicolumn
1093     }
1094     'skip$
1095     if$
1096   }
1097   if$
1098 }
1099
bookauthor.after
1100 FUNCTION {bookauthor.after}
1101 {
1102   bookauthor empty$
1103   'skip$
1104   { bookauthor num.names$ #3 >
1105     { format.bookauthors.after output
1106       new.semicolumn
1107     }
1108     'skip$
1109     if$
1110   }
1111   if$
1112 }
1113
editor.organization.after
1114 FUNCTION {editor.organization.after}
1115 {
1116   compiler empty$
1117   'skip$
1118   { format.compiler.after output
1119     new.semicolumn
1120   }
1121   if$
1122   editor empty$
1123   'skip$
1124   { format.editors.after output
1125     new.semicolumn
1126   }
1127   if$
1128   organization empty$
1129   'skip$
1130   { organization output
1131     new.semicolumn
1132   }
1133   if$
1134 }
1135

```

format.annotate

```
1136 FUNCTION {format.annotate}
1137 {
1138   annotate empty$
1139   { "" }
1140   { after.sentence 'output.state :=
1141     "\BibAnnote{" annotate add.period$ * "}" *
1142   }
1143   if$
1144 }
1145
```

1.8 Создание гиперссылок

format.url

```
1146 FUNCTION {format.url}
1147 {
1148   url empty$
1149   { "" }
1150   { "\BibUrl{" url * "}" * }
1151   if$
1152 }
1153
```

format.urldate

```
1154 FUNCTION {format.urldate}
1155 {
1156   urldate empty$
1157   { "" }
1158   { add.blank
1159     "\BibUrlDate{" urldate * "}" *
1160   }
1161   if$
1162 }
1163
```

output.url

```
1164 FUNCTION {output.url}
1165 {
1166   url empty$
1167   'skip$
1168   { format.url output
1169     format.urldate output
1170   }
1171   if$
1172 }
1173
```

format.isbn

```
1174 FUNCTION {format.isbn}
1175 {
1176   isbn empty$
1177   { "" }
1178   { "ISBN:~\href{http://isbndb.com/search-all.html?kw=" isbn *
1179     "}{ " * isbn * "}" *
1180   }
1181   if$
1182 }
1183
```

add.doi

```
1184 FUNCTION {add.doi}
1185 { duplicate$ empty$
1186   'skip$
1187   { doi empty$
1188     'skip$
1189     { "\href{http://dx.doi.org/" doi * "}{ " * swap$ * "}" * }
1190     if$
1191   }
1192 }
```

```

1191     }
1192     if$
1193 }
1194
format.eprint
1195 FUNCTION {format.eprint}
1196 { eprint empty$
1197   { "" }
1198   { primaryClass empty$
1199     { " \href{http://arxiv.org/abs/" eprint * "}" *
1200       "{" * eprint * "}" *
1201       }
1202     { archivePrefix empty$
1203       { " \href{http://arxiv.org/abs/" eprint * "}" *
1204         "{" * primaryClass * "/" * eprint * "}" *
1205         }
1206       { " \href{http://arxiv.org/abs/" eprint * "}" *
1207         "{" * archivePrefix * ":" * primaryClass * "/" * eprint * "}" *
1208         }
1209       if$
1210     }
1211   if$
1212 }
1213 if$
1214 }
1215

```

1.9 Описание типов библиографических ссылок

article

```

1216 FUNCTION {article}
1217 {
1218   output.bibitem
1219   author.before
1220   format.title "title" output.check
1221   new.dblslash
1222   journal emphasize add.doi "journal" output.check
1223   new.block
1224   format.date output
1225   new.block
1226   format.volume output
1227   format.number output
1228   new.block
1229   format.pages.page output
1230   new.block
1231   note output
1232   new.sentence
1233   format.eprint output
1234   new.block
1235   output.url
1236   format.annotate output
1237   fin.entry
1238 }
1239

```

book

```

1240 FUNCTION {book}
1241 {
1242   output.bibitem
1243   author.before
1244   format.btitle add.doi "title" output.check
1245   new.slash
1246   editor.organization.after
1247   new.sentence
1248   format.number.series output

```

```

1249 new.block
1250 format.edition output
1251 new.block
1252 output.address.publisher.date
1253 new.block
1254 format.bvolume output
1255 new.block
1256 format.pages.page output
1257 new.block
1258 format.isbn output
1259 new.block
1260 note output
1261 new.sentence
1262 format.eprint output
1263 new.block
1264 output.url
1265 format.annotate output
1266 fin.entry
1267 }
1268
booklet
1269 FUNCTION {booklet}
1270 {
1271   output.bibitem
1272   author.before
1273   format.title "title" output.check
1274   editor.organization.after
1275   new.block
1276   howpublished output
1277   address output
1278   format.date output
1279   new.block
1280   note output
1281   new.sentence
1282   format.eprint output
1283   new.block
1284   output.url
1285   format.annotate output
1286   fin.entry
1287 }
1288
inbook
1289 FUNCTION {inbook}
1290 {
1291   output.bibitem
1292   author.before
1293   format.btitle add.doi "title" output.check
1294   new.dblslash
1295   bookauthor.before
1296   booktitle "booktitle" output.check
1297   editor.organization.after
1298   new.block
1299   format.edition output
1300   new.block
1301   format.number.series output
1302   new.sentence
1303   output.address.publisher.date
1304   new.block
1305   format.bvolume output
1306   new.block
1307   format.pages.page output
1308   new.block
1309   format.isbn output
1310   new.block
1311   note output

```

```

1312 new.sentence
1313 format.eprint output
1314 new.block
1315 output.url
1316 format.annotate output
1317 fin.entry
1318 }
1319
incollection
1320 FUNCTION {incollection}
1321 {
1322   output.bibitem
1323   author.before
1324   new.sentence
1325   format.title add.doi "title" output.check
1326   new.dblslash
1327   booktitle "booktitle" output.check
1328   new.slash
1329   editor.organization.after
1330   new.block
1331   output.address.publisher.date
1332   new.block
1333   format.bvolume output
1334   format.number.series output
1335   new.block
1336   format.pages.page output
1337   new.block
1338   note output
1339   new.block
1340   format.eprint output
1341   new.block
1342   output.url
1343   format.annotate output
1344   fin.entry
1345 }
1346
inproceedings
1347 FUNCTION {inproceedings}
1348 {
1349   output.bibitem
1350   author.before
1351   new.sentence
1352   format.title add.doi "title" output.check
1353   new.dblslash
1354   booktitle "booktitle" output.check
1355   new.slash
1356   editor.organization.after
1357   new.block
1358   format.bvolume output
1359   format.number.series output
1360   new.block
1361   address empty$
1362   { publisher output
1363     format.date "year" output.check
1364   }
1365   { address output.nonnull
1366     new.column
1367     publisher output
1368     format.date "year" output.check
1369   }
1370   if$
1371   new.block
1372   format.pages.page output
1373   new.block
1374   note output

```



```

1375 new.sentence
1376 format.eprint output
1377 new.block
1378 output.url
1379 format.annotate output
1380 fin.entry
1381 }
1382
conference
1383 FUNCTION {conference} { inproceedings }
1384
manual
1385 FUNCTION {manual}
1386 {
1387   output.bibitem
1388   author empty$
1389     { organization empty$
1390       'skip$
1391       { organization output.nonnull
1392         address output
1393       }
1394     if$
1395   }
1396   { format.authors output.nonnull }
1397 if$
1398 new.block
1399 format.btitle "title" output.check
1400 author empty$
1401   { organization empty$
1402     { address new.block.checka
1403       address output
1404     }
1405     'skip$
1406   if$
1407   }
1408   { organization address new.block.checkb
1409     organization output
1410     address output
1411   }
1412 if$
1413 format.edition output
1414 format.date output
1415 new.block
1416 note output
1417 new.sentence
1418 format.eprint output
1419 new.block
1420 output.url
1421 format.annotate output
1422 fin.entry
1423 }
1424
mastersthesis
1425 FUNCTION {mastersthesis}
1426 {
1427   output.bibitem
1428   format.authors "author" output.check
1429   new.block
1430   format.btitle add.doi "title" output.check
1431   new.block
1432   bbl.mthesis format.thesis.type output.nonnull
1433   school "school" output.check
1434   address output
1435   format.date "year" output.check

```

```

1436 new.block
1437 note output
1438 new.block
1439 format.eprint output
1440 new.block
1441 output.url
1442 format.annotate output
1443 fin.entry
1444 }
1445

misc
1446 FUNCTION {misc}
1447 {
1448   output.bibitem
1449   format.authors "author" output.check
1450   new.block
1451   format.title "title" output.check
1452   new.block
1453   howpublished output
1454   new.block
1455   format.date output
1456   new.block
1457   note output
1458   new.sentence
1459   format.eprint output
1460   new.block
1461   output.url
1462   format.annotate output
1463   fin.entry
1464 }
1465

phdthesis
1466 FUNCTION {phdthesis}
1467 {
1468   output.bibitem
1469   format.authors "author" output.check
1470   new.sentence
1471   format.btitle add.doi "title" output.check
1472   new.column
1473   bbl.phdthesis format.thesis.type output.nonnull
1474   new.slash
1475   school "school" output.check
1476   new.block
1477   output.address.publisher.date
1478   new.block
1479   format.pages.page output
1480   note output
1481   new.sentence
1482   format.eprint output
1483   new.block
1484   output.url
1485   format.annotate output
1486   fin.entry
1487 }
1488

docdisser
1489 FUNCTION {docdisser}
1490 {
1491   output.bibitem
1492   format.authors "author" output.check
1493   new.sentence
1494   format.btitle add.doi "title" output.check
1495   new.column
1496   bbl.docdisser format.thesis.type output.nonnull

```

```

1497 new.slash
1498 school "school" output.check
1499 new.block
1500 output.address.publisher.date
1501 new.block
1502 format.pages.page output
1503 note output
1504 new.sentence
1505 format.eprint output
1506 new.block
1507 output.url
1508 format.annotate output
1509 fin.entry
1510 }
1511

```

proceedings

```

1512 FUNCTION {proceedings}
1513 {
1514   output.bibitem
1515   format.btitle add.doi "title" output.check
1516   new.slash
1517   editor.organization.after
1518   new.block
1519   format.bvolume output
1520   format.number.series output
1521   address empty$
1522     { publisher output
1523       format.date "year" output.check
1524     }
1525     { address output.nonnull
1526       format.date "year" output.check
1527       new.sentence
1528       publisher output
1529     }
1530   if$
1531   new.block
1532   note output
1533   new.sentence
1534   format.eprint output
1535   new.block
1536   output.url
1537   format.annotate output
1538   fin.entry
1539 }
1540

```

techreport

```

1541 FUNCTION {techreport}
1542 {
1543   output.bibitem
1544   author.before
1545   new.sentence
1546   format.title add.doi "title" output.check
1547   new.column
1548   format.tr.number output.nonnull
1549   editor.organization.after
1550   new.block
1551   address output
1552   new.column
1553   institution "institution" output.check
1554   format.date "year" output.check
1555   new.block
1556   note output
1557   new.sentence
1558   format.eprint output
1559   new.block

```

```

1560 output.url
1561 format.annotate output
1562 fin.entry
1563 }
1564
unpublished
1565 FUNCTION {unpublished}
1566 {
1567   output.bibitem
1568   author.before
1569   format.btitle "title" output.check
1570   editor.organization.after
1571   new.block
1572   note "note" output.check
1573   new.sentence
1574   format.eprint output
1575   new.block
1576   output.url
1577   format.annotate output
1578   fin.entry
1579 }
1580
default.type
1581 FUNCTION {default.type} { misc }
1582

```

1.10 Сокращения названий месяцев

```

1583 MACRO {jan} {"\bbljan{}}
1584 MACRO {feb} {"\bblfeb{}}
1585 MACRO {mar} {"\bblmar{}}
1586 MACRO {apr} {"\bblapr{}}
1587 MACRO {may} {"\bblmay{}}
1588 MACRO {jun} {"\bbljun{}}
1589 MACRO {jul} {"\bbljul{}}
1590 MACRO {aug} {"\bblaug{}}
1591 MACRO {sep} {"\bblsep{}}
1592 MACRO {oct} {"\bbloct{}}
1593 MACRO {nov} {"\bblnov{}}
1594 MACRO {dec} {"\bbldec{}}
1595

```

1.11 Сокращения названий журналов

1.11.1 Физика и астрономия

Код данной секции создан на основе файла `physjour.mbs` пакета `custom-bib`.

```

1596 MACRO {aa} {"Astron. \& Astrophys."}
1597 MACRO {aasup} {"Astron. \& Astrophys. Suppl. Ser."}
1598 MACRO {aj} {"Astron. J."}
1599 MACRO {aph} {"Acta Phys."}
1600 MACRO {advp} {"Adv. Phys."}
1601 MACRO {ajp} {"Amer. J. Phys."}
1602 MACRO {ajm} {"Amer. J. Math."}
1603 MACRO {amsci} {"Amer. Sci."}
1604 MACRO {anofd} {"Ann. Fluid Dyn."}
1605 MACRO {am} {"Ann. Math."}
1606 MACRO {ap} {"Ann. Phys. (NY)"}
1607 MACRO {adp} {"Ann. Phys. (Leipzig)"}
1608 MACRO {ao} {"Appl. Opt."}
1609 MACRO {apl} {"Appl. Phys. Lett."}
1610 MACRO {app} {"Astroparticle Phys."}
1611 MACRO {apj} {"Astrophys. J."}
1612 MACRO {apjsup} {"Astrophys. J. Suppl."}
1613 MACRO {apss} {"Astrophys. Space Sci."}

```

1614 MACRO {araa} {"Ann. Rev. Astron. Astrophys."}
1615 MACRO {baas} {"Bull. Amer. Astron. Soc."}
1616 MACRO {baps} {"Bull. Amer. Phys. Soc."}
1617 MACRO {cmp} {"Comm. Math. Phys."}
1618 MACRO {cpam} {"Commun. Pure Appl. Math."}
1619 MACRO {cppcf} {"Comm. Plasma Phys. \& Controlled Fusion"}
1620 MACRO {cpc} {"Comp. Phys. Comm."}
1621 MACRO {cqg} {"Class. Quant. Grav."}
1622 MACRO {cra} {"C. R. Acad. Sci. A"}
1623 MACRO {fed} {"Fusion Eng. \& Design"}
1624 MACRO {ft} {"Fusion Tech."}
1625 MACRO {grg} {"Gen. Relativ. Gravit."}
1626 MACRO {ieeens} {"IEEE Trans. Nucl. Sci."}
1627 MACRO {ieeeps} {"IEEE Trans. Plasma Sci."}
1628 MACRO {ijimw} {"Interntl. J. Infrared \& Millimeter Waves"}
1629 MACRO {ip} {"Infrared Phys."}
1630 MACRO {irp} {"Infrared Phys."}
1631 MACRO {jap} {"J. Appl. Phys."}
1632 MACRO {jasa} {"J. Acoust. Soc. America"}
1633 MACRO {jcp} {"J. Comp. Phys."}
1634 MACRO {jchp} {"J. Chem. Phys."}
1635 MACRO {jetp} {"Sov. Phys.--JETP"}
1636 MACRO {jfe} {"J. Fusion Energy"}
1637 MACRO {jfm} {"J. Fluid Mech."}
1638 MACRO {jmp} {"J. Math. Phys."}
1639 MACRO {jne} {"J. Nucl. Energy"}
1640 MACRO {jnec} {"J. Nucl. Energy, C: Plasma Phys., Accelerators, Thermonucl. Res."}
1641 MACRO {jnm} {"J. Nucl. Mat."}
1642 MACRO {jpc} {"J. Phys. Chem."}
1643 MACRO {jpp} {"J. Plasma Phys."}
1644 MACRO {jpsj} {"J. Phys. Soc. Japan"}
1645 MACRO {jsi} {"J. Sci. Instrum."}
1646 MACRO {jvst} {"J. Vac. Sci. \& Tech."}
1647 MACRO {nat} {"Nature"}
1648 MACRO {nature} {"Nature"}
1649 MACRO {nedf} {"Nucl. Eng. \& Design/Fusion"}
1650 MACRO {nf} {"Nucl. Fusion"}
1651 MACRO {nim} {"Nucl. Inst. \& Meth."}
1652 MACRO {nimpr} {"Nucl. Inst. \& Meth. in Phys. Res."}
1653 MACRO {np} {"Nucl. Phys."}
1654 MACRO {npb} {"Nucl. Phys. B"}
1655 MACRO {nt/f} {"Nucl. Tech./Fusion"}
1656 MACRO {npbpc} {"Nucl. Phys. B (Proc. Suppl.)"}
1657 MACRO {inc} {"Nuovo Cimento"}
1658 MACRO {nc} {"Nuovo Cimento"}
1659 MACRO {pf} {"Phys. Fluids"}
1660 MACRO {pfa} {"Phys. Fluids A: Fluid Dyn."}
1661 MACRO {pfb} {"Phys. Fluids B: Plasma Phys."}
1662 MACRO {pl} {"Phys. Lett."}
1663 MACRO {pla} {"Phys. Lett. A"}
1664 MACRO {plb} {"Phys. Lett. B"}
1665 MACRO {prep} {"Phys. Rep."}
1666 MACRO {pnas} {"Proc. Nat. Acad. Sci. USA"}
1667 MACRO {pp} {"Phys. Plasmas"}
1668 MACRO {ppcf} {"Plasma Phys. \& Controlled Fusion"}
1669 MACRO {phitrs1} {"Philos. Trans. Roy. Soc. London"}
1670 MACRO {pr1} {"Phys. Rev. Lett."}
1671 MACRO {pr} {"Phys. Rev."}
1672 MACRO {physrev} {"Phys. Rev."}
1673 MACRO {pra} {"Phys. Rev. A"}
1674 MACRO {prb} {"Phys. Rev. B"}
1675 MACRO {prc} {"Phys. Rev. C"}
1676 MACRO {prd} {"Phys. Rev. D"}
1677 MACRO {pre} {"Phys. Rev. E"}
1678 MACRO {ps} {"Phys. Scripta"}
1679 MACRO {procrs1} {"Proc. Roy. Soc. London"}

```

1680 MACRO {rmp} {"Rev. Mod. Phys."}
1681 MACRO {rsi} {"Rev. Sci. Inst."}
1682 MACRO {science} {"Science"}
1683 MACRO {sciam} {"Sci. Am."}
1684 MACRO {sam} {"Stud. Appl. Math."}
1685 MACRO {sjpp} {"Sov. J. Plasma Phys."}
1686 MACRO {spd} {"Sov. Phys.--Doklady"}
1687 MACRO {sptp} {"Sov. Phys.--Tech. Phys."}
1688 MACRO {spu} {"Sov. Phys.--Uspekhi"}
1689 MACRO {st} {"Sky and Telesc."}
1690

```

1.11.2 Оптика

Из файла photjour.mbs.

```

1691 MACRO {appopt} {"Appl. Opt."}
1692 MACRO {bell} {"Bell Syst. Tech. J."}
1693 MACRO {ell} {"Electron. Lett."}
1694 MACRO {jasp} {"J. Appl. Spectr."}
1695 MACRO {jqe} {"IEEE J. Quantum Electron."}
1696 MACRO {jltwt} {"J. Lightwave Technol."}
1697 MACRO {jmo} {"J. Mod. Opt."}
1698 MACRO {josa} {"J. Opt. Soc. America"}
1699 MACRO {josaa} {"J. Opt. Soc. Amer.~A"}
1700 MACRO {josab} {"J. Opt. Soc. Amer.~B"}
1701 MACRO {jdp} {"J. Phys. (Paris)"}
1702 MACRO {oc} {"Opt. Commun."}
1703 MACRO {ol} {"Opt. Lett."}
1704 MACRO {os} {"Opt. Spectrosc."}
1705 MACRO {phtl} {"IEEE Photon. Technol. Lett."}
1706 MACRO {pspie} {"Proc. Soc. Photo-Opt. Instrum. Eng."}
1707 MACRO {sjot} {"Sov. J. Opt. Technol."}
1708 MACRO {sjqe} {"Sov. J. Quantum Electron."}
1709 MACRO {sleb} {"Sov. Phys.--Leb. Inst. Rep."}
1710 MACRO {stph} {"Sov. Phys.--Techn. Phys."}
1711 MACRO {stphl} {"Sov. Techn. Phys. Lett."}
1712 MACRO {vr} {"Vision Res."}
1713 MACRO {zph} {"Z. f. Physik"}
1714 MACRO {zphb} {"Z. f. Physik~B"}
1715 MACRO {zphd} {"Z. f. Physik~D"}
1716

```

1.11.3 Физика конденсированного состояния

```

1717 MACRO {sse} {"Solid-State Electron."}
1718 MACRO {pss} {"Phys. Sol. State"}
1719 MACRO {sst} {"Semicond. Sci. Tech."}
1720 MACRO {nl} {"Nano Lett."}
1721
1722 READ
1723

```

1.12 Сортировка списка литературы по именам авторов и названиям

```

1724 (*gost705s)

```

sortify

```

1725 FUNCTION {sortify}
1726 {
1727   purify$
1728   "l" change.case$
1729 }
1730
1731 INTEGERS { len }
1732

```

chop.word

```

1733 FUNCTION {chop.word}

```

```

1734 {
1735   's :=
1736   'len :=
1737   s #1 len substring$ =
1738   { s len #1 + global.max$ substring$ }
1739   's
1740   if$
1741 }
1742

sort.format.names
1743 FUNCTION {sort.format.names}
1744 {
1745   's :=
1746   #1 'nameptr :=
1747   ""
1748   s num.names$ 'numnames :=
1749   numnames 'namesleft :=
1750   { namesleft #0 > }
1751   { nameptr #1 >
1752     { " " * }
1753     'skip$
1754     if$
1755     s nameptr
1756     "{vv{ } }{ll{ }}{ f{ }}{ jj{ }}"
1757     format.name$ 't :=
1758     nameptr numnames = t "others" = and
1759     { "et al" * }
1760     { t sortify * }
1761     if$
1762     nameptr #1 + 'nameptr :=
1763     namesleft #1 - 'namesleft :=
1764   }
1765   while$
1766 }
1767

sort.format.title
1768 FUNCTION {sort.format.title}
1769 {
1770   't :=
1771   "A " #2
1772   "An " #3
1773   "The " #4 t chop.word
1774   chop.word
1775   chop.word
1776   sortify
1777   #1 global.max$ substring$
1778 }
1779

author.sort
1780 FUNCTION {author.sort}
1781 {
1782   author empty$
1783   { key empty$
1784     { "to sort, need author or key in " cite$ * warning$ "" }
1785     { key sortify }
1786     if$
1787   }
1788   { author sort.format.names }
1789   if$
1790 }
1791

author.title.sort
1792 FUNCTION {author.title.sort}
1793 {
1794   author empty$

```

```

1795     { title empty$
1796       { key empty$
1797         { "to sort, need author, title, or key in " cite$ * warning$ "" }
1798         { key sortify }
1799       if$
1800     }
1801     { title sort.format.title }
1802   if$
1803 }
1804 { author sort.format.names }
1805 if$
1806 }
1807
presort
1808 FUNCTION {presort}
1809 {
1810   author.title.sort
1811   " "
1812   *
1813   year field.or.null sortify
1814   *
1815   " "
1816   *
1817   title field.or.null
1818   sort.format.title
1819   *
1820   #1 entry.max$ substring$
1821   'sort.key$ :=
1822 }
1823
1824 ITERATE {presort}
1825
1826 SORT
1827
1828 </gost705s>
1829

```

1.13 Вычисление длины табуляции между номером и текстом

```

1830 STRINGS { longest.label }
1831
1832 INTEGERS { number.label longest.label.width }
1833
initialize.longest.label
1834 FUNCTION {initialize.longest.label}
1835 {
1836   "" 'longest.label :=
1837   #1 'number.label :=
1838   #0 'longest.label.width :=
1839 }
1840
longest.label.pass
1841 FUNCTION {longest.label.pass}
1842 {
1843   number.label int.to.str$ 'label :=
1844   number.label #1 + 'number.label :=
1845   label width$ longest.label.width >
1846   { label 'longest.label :=
1847     label width$ 'longest.label.width :=
1848   }
1849   'skip$
1850   if$
1851 }
1852
1853 EXECUTE {initialize.longest.label}
1854

```



```
1855 ITERATE {longest.label.pass}
1856
```

1.14 Формирование окружения thebibliography

1.14.1 Препамбула

begin.bib

```
1857 FUNCTION {begin.bib}
1858 {
1859   preamble$ empty$
1860   'skip$
1861   { preamble$ write$ newline$ }
1862   if$
1863   "\ifx\undefined\BibEmph\def\BibEmph#1{#1}\else\fi"
1864   write$ newline$
1865   "\ifx\undefined\href\def\href#1#2{#2}\else\fi"
1866   write$ newline$
1867   "\ifx\undefined\url\def\url#1{\texttt{#1}}\else\fi"
1868   write$ newline$
1869   "\ifx\undefined\urlprefix\def\urlprefix{URL: }\else\fi"
1870   write$ newline$
1871   "\ifx\undefined\BibUrl\def\BibUrl#1{\urlprefix\url{#1}}\else\fi"
1872   write$ newline$
1873   "\ifx\undefined\BibUrlDate\long\def\BibUrlDate#1{({%"
1874   write$ newline$
1875   "\cyr\cyrd\cyra\cyrt\cyra\ %"
1876   write$ newline$
1877   "\cyr\cyrb\cyrr\cyra\cyrshch\cyre\cyrn\cyri\cyrya}: #1)}\else\fi"
1878   write$ newline$
1879   "\ifx\undefined\BibAnnote\long\def\BibAnnote#1{#1}\else\fi"
1880   write$ newline$
1881   "\begin{thebibliography}{\" longest.label * \"} *
1882   write$ newline$
1883   "\def\selectlanguageifdefined#1{"
1884   write$ newline$
1885   "\expandafter\ifx\csname date#1\endcsname\relax"
1886   write$ newline$
1887   "\else\language\csname l@#1\endcsname\fi}"
1888   write$ newline$
1889 }
1890
```

1.14.2 Начало окружения

```
1891 EXECUTE {begin.bib}
1892
1893 EXECUTE {init.state.consts}
1894
1895 ITERATE {call.type$}
1896
```

1.14.3 Конец окружения

end.bib

```
1897 FUNCTION {end.bib}
1898 {
1899   newline$
1900   "\end{thebibliography}" write$ newline$
1901 }
1902
1903 EXECUTE {end.bib}
1904
1905 </gost705 | gost705s>
```

2 Предметный указатель

Функции

add.blank	5	format.isbn	21
add.doi	21	format.names.rev	13
and	5	format.names	12
article	22	format.number.series	16
author.after	20	format.number	19
author.before	19	format.pages.page	18
author.sort	31	format.pages	18
author.title.sort	31	format.thesis.type	19
bbl.cmplr	6	format.title	14
bbl.docdisser	12	format.tr.number	19
bbl.edition	7	format.urldate	21
bbl.etal	8	format.url	21
bbl.iin	10	format.vol.num.pages	18
bbl.iissue	8	format.volume	19
bbl.iiss	8	inbook	23
bbl.in	10	incollection	24
bbl.mthesis	11	init.state.consts	2
bbl.nnr	9	initialize.longest.label	32
bbl.nnumber	9	inproceedings	24
bbl.nr	9	is.num	17
bbl.number	9	longest.label.pass	32
bbl.of	8	manual	25
bbl.pages	10	mastersthesis	25
bbl.page	10	misc	26
bbl.phdthesis	12	multi.page.check	17
bbl.ppages	11	n.dashify	15
bbl.ppage	11	new.block.checka	5
bbl.techrep	11	new.block.checkb	5
bbl.vvolume	7	new.block	4
bbl.vvol	7	new.column	4
begin.bib	33	new.dblslash	4
bookauthor.after	20	new.semicolumn	4
bookauthor.before	20	new.sentence.checka	6
booklet	23	new.sentence.checkb	6
book	22	new.sentence	4
change.language	2	new.slash	4
chop.word	30	non.stop	5
conference	25	not	5
convert.edition	17	or	5
default.type	28	output.address.publisher.date	15
docdisser	26	output.bibitem	15
editor.organization.after	20	output.check	3
either.or.check	16	output.nonnull	3
emphasize	6	output.url	21
empty.misc.check	19	output	3
end.bib	33	phdthesis	26
extract.num	17	presort	32
field.or.null	6	proceedings	27
fin.entry	4	sort.format.names	31
format.annotate	21	sort.format.title	31
format.authors.after	14	sortify	30
format.authors	13	space.word	6
format.bookauthors.after	14	techreport	27
format.bookauthors	14	tie.connect	16
format.btitle	16	tie.or.space.connect	16
format.bvolume	16	unpublished	28
format.compiler.after	14	word.in	16
format.date	14		
format.edition	17		
format.editors.after	14		
format.eprint	22		