A BIBTEX Style for Astronomical Journals

(for use with BibTeX 0.99c)

Sake J. Hogeveen

This is a preliminary version. Please report any bugs in the style files, and errors or omissions in the documentation to one of the E-mail addresses below. This package is sent to several astronomical journals, with a request for their official approval of its use. Version 1.0 will hopefully contain a list of journals that have given their consent.

Copyright ©1990, Sake J. Hogeveen. The files astron.bst, astron.sty, astdoc.tex, astdoc.bib, mnemonic.bib, example.bib, example.tex, and template.bib are a package. You may copy and distribute them freely for non-commercial purposes, provided that you keep the package together and this copyright notice in tact. You may not alter or modify the files; this helps to ensure that all distributions of astron.bst and related files are the same. If you make any modifications, then you must give the files new names, other than the present.

The author bears no responsibilities for errors in this document or the software it describes; and shall not be held liable for any indirect, incidental, or consequential damages.

Astronomical Institute 'Anton Pannekoek', Roetersstraat 15, 1018 WB Amsterdam, The Netherlands

E-mail: Earn/Internet: A410SAKE@SARA.NL; UUCP: 142@nikhefh.nikhef.nl

Contents

In	troduction	2
1	BibTeX	2
2	The 'astron' style files 2.1 \cite and \cite* 2.2 astron.bst and astron.sty 2.3 Required, optional, and ignored fields	2 2 3 3
3	Examples	3
4	Abbreviations	3
5	Maintaining the database	4
6	Credits	4
Α	Aspects of publishing with TEX and LaTeX A.1 Generalized Mark-up	5 5 6 7 7 8
в	Classes of the fields	9
С	Changing the style files yourself C.1 astron.bst	11 11 11
D	Mnemonics	12

Introduction

This document describes the BibTeX style astron.bst. BibTeX is a programme that makes it much easier to produce a list of references for papers that are prepared with LaTeX, and it comes with nearly every distribution of LaTeX. Consult your local TEXnician if you cannot find it on the computer(s) you use.

The astron.bst style is designed to produce a list of references in the author-year format that is commonly used among astronomical journals. The style file produces references in the exact format of Astronomy and Astrophysics, the European astronomical journal. However, the formats of the various astronomical journals (notably Monthly Notices of the Royal Astronomical Society, Astrophysics and Space Science, The Astronomical Journal, and The Astrophysical Journal) only differ in typographical details, such as punctuation and the use of italics.

In the near future we may expect astronomical journals to accept source or DVI files of papers prepared with T_EX and LaTeX. It will be possible to use BibTeX and the style astron.bst presented here without restrictions with any of the LaTeX style files that may be distributed by the journals or their publishers.

For some aspects of scientific publishing with TEX and LaTeX, see appendix A

1 BibTeX

This documentation is not intended as an introduction to BibTeX, nor to LaTeX. You are assumed to be familiar with both. If you are not: LaTeX is documented in its User's Guide and Reference Manual by Leslie Lamport (1986). BibTeX is documented by its author: Oren Patashnik (1988). The manual comes with each distribution of BibTeX. It explains how BibTeX should be used, and how style files can be created or adapted.

BibTeX is also documented in section 4.2.3, 'Using BibTeX', and appendix B, 'The Bibliography Database', of the LaTeX User's Guide. If you only want to use existing bibliography styles, the information in the LaTeX User's Guide and Reference Manual (Lamport, 1986) is sufficient.

2 The 'astron' style files

With this package you should find the BibTeX style file astron.bst and the complementary LaTeX style file astron.sty. You should install both on the computer on which you run LaTeX and BibTeX. Preferably you should put the files in the directory where the standard and/or optional LaTeX and BibTeX style files are kept. If you are on a multi-user system and have no permission to write to these directories, ask your system manager to install them for you. If you are the only astronomer on the system, and hence the only user of the 'astron' style, you may also put the files in your working directory.

2.1 \cite and \cite*

Citations in the author-year format usually look like: '(Author, year)'. But sometimes the name of the author is part of the running text, and you want to make a citation look like: '... Author (year)'. To allow for both forms of citations, astron.sty provides two commands: \cite and \cite*. The command \cite{label} will produce the full citation '(Author, year)', while the command \cite*{label} will produce the short citation '(year)'. These commands are not standard LaTeX (LaTeX only provides the \cite command). They are added to the vocabulary of any LaTeX document style by including the 'astron' option in your document style call, e.g.:

\documentstyle[11pt,astron]{article}

where '11pt' and 'article' represent the document styles you chose to use.

If you want to make a citation of an other format than the formats produced by \cite or \cite*, you will have to type the entire citation yourself and use the \nocite command. The call '\nocite{label}' in your document will cause LaTeX and BibTeX to include the citation indicated by label in the list of references, but the \nocite command will not be replaced by the key text.

2.2 astron.bst and astron.sty

The style file **astron.bst** causes BibTeX to produce a *document.bbl* file with a list of references according to the usual format:

The *label* is, of course, the label which you use in the \cite{*label*} and \cite*{*label*} calls in your LaTeX document, and by which BibTeX recognizes entries in the *database*.bib file. The style file astron.bst causes BibTeX to produce *keys* with the format: {*Author*}{*year*}. The style file astron.sty causes LaTeX to replace a \cite{*label*} call by the text '(Author, year)', and a \cite*{*label*} call by the text '(year)'. Due to the definition of \@biblabel in astron.sty, the *key* is not printed in the actual list of references.

2.3 Required, optional, and ignored fields

The bibliography style 'astron' has its own ideas about which fields in an entry are required, optional or ignored. Astronomical journals make an effort of 'economic' printing, which means that they leave everything out that is not absolutely necessary.

The classes of the fields in each entry are tabulated in appendix B. One thing I will give away here: in the 'author-year' citation system it is obvious that author and year information is required for every entry. Remember that 'required' means that BibTeX issues a warning if the field is empty, i.e., if the information is not available in your *database*.bib file.

3 Examples

The files example.bib and example.tex show what a bibliographic database file might look like, and demonstrate the use of the \cite and \cite* commands in various forms.

4 Abbreviations

The file mnemonic.bib contains a list of mnemonics which may be used in the 'journal' fields of the entries in the bibliographic database. If you want to use the mnemonics, you should include mnemonic.bib into the \bibliography call:

\bibliography{mnemonic, other bibliographic database files}

If you have an entry: 'journal = aa' (note: without quotes or braces around 'aa'), then BibTeX will cause the mnemonic to be replaced by the text *Astron. Astrophys.* in the final list of references.

The list in appendix D contains the same journals and periodicals as section 001 'Periodicals' in Astronomy and Astrophysics Abstracts, Vol. 49A (Burkhardt et al., 1990). The abbreviations follow the recommendations of the "International List of Periodical Title Word Abbreviations", so you are strongly encouraged to use them.

If you want to cite periodicals which are not in mnemonic.bib, or if you think you will never use 90% of the mnemonics in the supplied file, you could create your own mnemonics file, and copy from mnemonic.bib the abbreviations which you do use.

5 Maintaining the database

To setup and maintain bibliographic databases for BibTeX, this package contains a file template.bib, which contains templates of the entries with their required and optional fields (according to astron.bst). If you want to add an entry to a database, you can copy the relevant template from template.bib into your database file, and then complete the entry with the relevant information.

I have used this method to maintain the databases for quite some time, and I find that it saves me from a lot of arduous typing, and many typing errors.

6 Credits

The BibTeX and LaTeX 'astron' styles are adaptations of the 'apalike' styles developed by Oren Patashnik and Suzan King. The \cite and \cite* trickery is adapted from 'named.bst' by Peter F. Patel-Schneider.

References

- Burkhardt, G., Esser, U., Hefele, H., Heinrich, I., Hoffmann, W., Krahn, D., Matas, V. R., Schmadel, L. D., Wielen, R., and Zech, G. (eds.): 1990, Astronomy and Astrophysics Abstracts, Vol. 49A, Springer-Verlag, Heidelberg
- Daniel, H.-U., Berger, J., and Savaray, D.: 1989, Messenger 56, 67
- Lamport, L.: 1986, LaTeX, A Document Preparation System, Addison-Wesley, Reading, Massachusetts

Patashnik, O.: 1988, BibTeXing, Supplied with BibTeX distributions

A Aspects of publishing with T_EX and LaTeX

New developments, such as T_EX and LaTeX, are about to radically change the conventional ways of scientific publishing. Experiments with the acceptance of papers prepared with T_EX or LaTeX are already going on (Daniel et al., 1989).

The principle is simple and appealing. Authors prepare their papers with T_EX or LaTeX, and send their manuscripts to the publishers on floppy disk or via electronic mail. A publisher runs T_EX or LaTeX on the manuscript, and produces a (high quality) printable copy of the paper. The costly and time consuming steps of typesetting and proofreading would then be eliminated.

But before everything will run smoothly, some aspects of scientific publishing with T_EX and LaTeX will have to be considered, and some problems need to be addressed.

A.1 Generalized Mark-up

Although papers in the various scientific journals exhibit a great variety in typographical appearance, a common underlying structure can be recognized. The papers can be characterized by: a heading (with the title of the paper, and the author's names and affiliations); an abstract or summary; sections; tables; figures; equations; a list of references; and sometimes appendices. The typographical form of a paper is intended to support this structure. The typography is, in fact, derived from the structure, as becomes evident from the typographical instructions that are scribbled on to the oldfashioned typewriter written manuscripts by a desk editor.

A desk editor recognizes the structural elements of a paper from the typography of the typewriter written manuscript. The author has *implicitly* structured his manuscript by applying some rudimentary typography. The structure of a manuscript can be formalized, by asking the author to *explicitly* state what comes next, e.g. like this:

A desk editor could again scribble his remarks in this manuscript, to indicate to a typesetter what typographical form is required for each of the structural elements. The 'scribbeling' of the desk editor is, by the way, called 'mark-up'. An other desk editor, of a different journal, could also scribble in *his* remarks, which would make sure that the typesetter applies the typographical rules of this other journal.

So we have not only *formalized* the mark-up of the paper, we have also made it independent of the typographical form. Mark-up which is independent of the typographical form is said to be generalized mark-up.

The idea of modern (scientific) publishing is that the author supplies a manuscript, which is marked-up employing a 'Generalized Mark-up Language'¹.

This manuscript can be processed by *any* publisher into the typographical format of a particular publication. The advantages of the concept are obvious: 1. the author does not have to bother with typographical matters, and 2. the publisher is completely in control of the appearance of a publication, just as he always has been.

A.2 T_EX

So how do T_{EX} and LaTeX fit into this concept? Let us first look at T_{EX} , and then at LaTeX.

 T_EX is a computerized typesetting system, geared towards the typesetting of manuscripts which contain a lot of mathematics. Like the traditional typesetting systems, T_EX requires information from the user about where and how things are to be put on paper. T_EX provides many basic commands, but these commands are hardly ever used directly. The commands are grouped in *macros*, which perform (typographically) logical functions. Macros are grouped into *macro packages*. T_EX comes with a standard macro package 'plain.tex', and it is this macro package that is used by most authors who say they use T_EX .

However, this 'plain' macro package still requires information from the user about where and how things are to be put on paper. And it is here that a problem arises. Because if 'plain' T_EX were to be used for scientific publishing, it would mean that authors have to concern themselves with the layout and the typographical details of the journal(s) they are publishing in. Although publishers would not dare to doubt the scientific capabilities of authors, they have serious concerns about their qualities as typographers. And with good reason, as years of experience with 'camera ready' manuscripts have shown.

But, because TEX actually is a computer programme, there are great powers hidden inside. By building on the 'plain' macros, or by developing completely new ones, the concept of macros can be carried further, until a package is achieved which, to the user, looks like a 'Generalized Mark-up Language'.

A.3 LaTeX as a Generalized Mark-up Language

A TEX macro package with the properties of a Generalized Mark-up Language has already been developed. It is called LaTeX. With LaTeX the author uses 'generalized mark-up' commands such as '\title', '\begin{abstract}', '\section', '\appendix', which bear no relation to a particular typographical format at all. The typographical format of the final printed copy of a LaTeX manuscript is determined by so-called 'style files'. LaTeX comes with four standard style files, which allow the user to produce typographically sound articles (papers), books, reports, and letters. But these style files may be replaced by others, to produce an entirely different typographical format of a document from the same markup commands. Thus, if a publisher accepts the source text of a LaTeX manuscript, he can convert it into printed output with almost any desired typographical format, without changing the original text.

¹In fact, there is at present an international effort being made of the development of what is called the 'Standard Generalized Mark-up Language' (SGML). SGML will be / is an ISO standard. SGML will be mainly used by publishers and by organisations to maintain large databases.

As an author you do not have to worry that you will yet again have to learn something new: suppliers of word-processors will incorporate SGML in their products, so you will produce SGML manuscripts without knowing it.

A.4 T_EX, and the 'typewriter syndrome'

If you are an editor or a publisher, you will have met authors who say that they much prefer T_{EX} over LaTeX. They try to convince you that they can do much more with it than can be done with LaTeX. What they mean is, that they have more direct control of what the *printed output* looks like, and hence, over the typography of their product. We should realize that authors who say they use T_{EX} , in fact use the 'plain' macro package. Some 90% of these authors use 'plain' T_{EX} as a sophisticated typewriter. For instance, when they start a new section, they tell T_{EX} to leave some white space between the preceding text and the new section heading, switch to a different font, type the heading, leave some white space again, switch back to the font for the running text, and continue to type the next paragraph.

This is all fine when an author types a manuscript for his own purposes, or one that will be typeset again by a professional typesetter. Of course, a publisher could provide a set of instructions which tell the author how everything should be formatted, just like the instructions that are provided for 'camera ready' papers. But publishers know how well authors keep to these instructions, and many authors have nightmares about camera ready manuscripts, which cost them blood, sweat, tears, and far too much time to prepare.

Furthermore, T_EX is not intended to be used in this way. When 'plain' T_EX is used as a typewriter, not even 5% of its potential capabilities are challenged. The design of T_EX allows it to be adapted to the structural and typographical demands of the publications of many, different branches of science, by means of the 'macro' concept. For very specialized branches, special macro packages can be developed (and are developed, such as the \mathcal{AMST}_EX package of the American Mathematical Society). Other branches, like astronomy, could do with a 'general purpose' package, such as LaTeX.

Authors will have to adapt to the concept of Generalized Mark-up, and be cured from the 'typewriter syndrome'. Only through generalized mark-up, the principle of directly publishing the manuscript provided by the author will work. And the benefits will be great: it allows the author to fully concentrate on the writing of the manuscript, without worries about the layout; it leaves the publisher in full control of the typographical appearance of his publications; and the time between submission and publication can be reduced considerably.

A.5 Consultation and education

Like with every beautiful concept, there are some practical hazards and problems involved in scientific publishing with $T_{E}X$ and LaTeX. The mark-up commands provided by LaTeX do not cover every peculiarity you may have in scientific papers, and not all commands are strictly 'generalized', i.e., some do have a direct typographical effect². And then authors should use the proper commands for their mark-up, which they have to select from an overwhelming number of available commands.

Publishers can provide special or optional style files, which add new mark-up commands to the LaTeX vocabulary. But this has to be done very cautiously, because every new command means a deviation from standard LaTeX, and requires extra attention from the authors. New commands should not be added without proper consultation of the community of authors that has to use a particular macro package.

Authors will have to be educated about the proper mark-up of their papers. Experience at Springer-Verlag (Heidelberg) and Kluwer Academic Publishers (Dordrecht), with T_EX and LaTeX manuscripts provided by authors, has shown that the much greater possibilities of these systems in comparison to the old typewriter, are only to often used in the wrong

 $^{^{2}}$ This is not a problem peculiar to LaTeX, it is a problem that designers of generalized mark-up languages are struggling with in general.

way. This means that T_EX and LaTeX manuscripts need so much polishing and brushing up, that the effort involved equals or sometimes surpasses that of having the manuscript typeset in the traditional way.

What authors have to learn about the mark-up of their papers, are rules that generally apply to the proper typesetting of mathematical texts. These rules are not dependent of a particular journal (although, of course, some branches of science may have their peculiarities, but these are then again common for the branch). Rules of proper typesetting are mentioned at many places in the *TeXbook* and in the *LaTeX User's Guide and Reference Manual*. But the learning of T_EX and LaTeX is at present still a matter of teaching it yourself, and many authors seem to miss the good advice that is given.

A.6 Concluding remarks

The use of T_EX and LaTeX for scientific publishing will only succeed if we adapt to the concept of 'generalized mark-up'. Only in that way an author can fully concentrate on the writing of his manuscript, and leave the typographical intricacies to the publisher. Much has yet to be learned by everyone involved: authors, editors, and publishers. We can learn from each other: publishers can learn from authors what is wrong about their macro packages; authors can learn from publishers which rules of proper typesetting they violate.

It would be a good thing if the processes of consultation and education were formalized in working groups, or something similar. I know there are publishers who are reluctant about formalized consultation, because they are afraid it slows down their efforts to get going with T_EX and LaTeX. However, it is my opinion that they can only benefit from participating in some form of formalized consultation. The introduction of T_EX and LaTeX will take time anyway, and by listening to the authors, publishers may be prevented from releasing macro packages which are not accepted by the authors.

Authors could in such negotiations stress that they will only opt for some form of generalized mark-up, because working truly camera ready would take too much of their time. An inventory could be made of what authors have to learn about the proper mark-up of mathematical texts, and courses could be set up to educate the new generation of authors. I think that some time from now universities will provide introductory courses in LaTeX, just as they are now providing introductory courses in computer programming.

In the mean time, LaTeX users can enjoy this BibTeX style, which extends the concept of generalized mark-up to such a horrifying thing as the compilation of a list of references.

B Classes of the fields

Fields in the entries of the bibliographic database are attributed one of three classes: required, optional, or ignored. The table in this appendix lists the class of each field in each entry. See also Sect. 2.3.

				Entry			
Field	article	book	booklet	$\operatorname{conference}^{a}$	inbook	$\operatorname{incoll.}^{b}$	$inproc.^{c}$
address	_	0	0	0	0	0	0
annote	_	_	_	_	_	_	_
author	R	R	R	R	R	R	R
booktitle	_	_	_	R	_	R	R
chapter	_	_	_	_	R	0	_
crossref	0	0	_	0	0	0	Ο
edition	_	0	_	_	0	0	_
editor	_	0	_	0	0	0	0
howpublished	_	_	0	_	_	_	—
institution	_	_	_	_	_	_	—
journal	R	_	_	_	_	_	_
key	0	0	0	0	0	0	0
month	_	_	_	_	_	_	_
note	0	O	0	0	0	0	Ο
number	_	O	_	0	0	0	Ο
organisation	_	_	_	0	_	_	Ο
pages	0	_	_	0	0	0	Ο
publisher	_	R	_	0	R	R	0
school	_	_	_	_	_	_	_
series	_	0	_	0	0	0	Ο
title	_	R	R	_	R	_	_
type	_	_	_	_	_	_	_
volume	0	0	_	0	0	0	0
year	R	R	R	R	R	R	R

Table B.1: Classes of the fields.(R = Required, O = Optional, -= Ignored)

 a 'conference' is the same as 'in proceedings'

 b incoll. = incollection

 c inproc. = inproceedings

	`	1 /	1	,	0 /		
				Entry			
Field	manual	masters. ^{d}	misc	$\mathrm{phd.}^{e}$	$\operatorname{proc.}^{f}$	$\mathrm{tech.}^g$	unpubl. ^h
address	0	0	_	0	0	0	_
annote	_	_	_	_	_	_	_
author	R	R	R	R	R	R	R
booktitle	_	_	_	_	_	_	_
chapter	_	_	_	_	_	_	_
crossref	_	_	_	_	_	_	_
edition	0	_	_	_	_	_	_
editor	_	_	_	_	0	_	_
howpublished	_	_	0	_	_	_	_
institution	_	_	_	_	_	0	_
journal	_	_	_	_	_	_	_
key	0	0	0	0	0	0	0
month	_	_	_	_	_	_	_
note	0	0	0	0	0	0	R
number	_	_	_	_	0	_	_
organisation	0	_	_	_	0	_	_
pages	_	_	_	_	_	_	_
publisher	_	_	_	_	0	_	_
school	_	R	_	R	_	_	_
series	_	_	_	_	0	_	_
title	R	_	0	_	R	R	R
type	0	0	0	0	0	0	0
volume	_	_	_	_	0	_	_
year	R	R	R	R	R	R	R

 Table B.1: Classes of the fields (continued).
 (R = Required, O = Optional, -= Ignored)

 d masters. = mastersthesis e phd. = phdthesis f proc. = proceedings g tech. = techreport h unpubl. = unpublished

C Changing the style files yourself

The 'astron' bibliography style has been designed to meet the requirements of astronomical journals. Maybe you are working on documents which could do with about the same documentstyle, but not quite. Then you may want to modify the 'astron' styles to your needs. To help you on your way, here is a summary of what happens in each style file.

You do remember to name modified style files anything other than astron.bst or astron.sty, don't you?

C.1 astron.bst

The style astron.bst causes BibTeX to create a bibliography file which looks like:

```
\begin{thebibliography}{}
\bibitem[key]{label}bibliography entry
        :
        end{thebibliography}
```

The key is formatted from the author and year entries in the bibliographic database. It looks like: {Author}{year}.

The *bibliography entry* is formatted from the required and optional information in the fields of an entry, like author, year, title, volume, pages, et cetera. According to the definitions in astron.bst, BibTeX takes care of the typographical intricacies of the *bibliography entry*, such as punctuation, italics for journal names and booktitles, boldface for journal volumes, etc.

As an example, here is what astron.bst made BibTeX make of \cite{lamport} in this document:

\bibitem[\protect\astroncite{Lamport}{1986}]{lamport}
Lamport, L.: 1986,
\newblock {\em LaTeX, A Document Preparation System},
\newblock Addison-Wesley, Reading, Massachusetts

C.2 astron.sty

The style file astron.sty is a LaTeX style file. It defines the \cite and \cite* commands such that \cite{label} is replaced by '(Author, year)' in the running text, and \cite*{label} by '(year)'.

It also defines the thebibliography environment. It causes the text '**References**' to be produced as the heading of the list of references in 'articles', and '**Bibliography**' as the heading in 'report's and 'books'

The thebibliography environment is defined in terms of the LaTeX 'list' environment, in which the items are preceded by '\bibitem'. All parameters related to the 'list' environment, such as 'itemsep', 'leftmargin', etc., are set at the \begin{thebibliography} call.

To summarize in brief: the BibTeX style astron.bst takes care of the typographical details of each item in the bibliography; the LaTeX style astron.sty takes care of the global typographical appearance of the bibliography.

D Mnemonics

This appendix lists the mnemonics by which the abbreviations of journal names may be called in the journal fields of the entries in the bibliographic database. See also Sect. 4.

AAO Newsl aao
AAVSO Newsl aavso
Acta Astron acta
Acta Astron. Geophys. Univ. Comenianae aaguv
Acta Astron. Sin actastsin
Acta Astrophys. Sin actapsin
Acta Geod. Geophys agg
Acta Geophys. Sin ags
Acta Phys. Pol., Ser. B appsb
Acta Tech. Acad. Sci. Hung atash
Adv. Phys advp
Adv. Space Res advsr
AIP Conf. Proc aip
Am. Assoc. Variable Star Obs. Bull aavsob
Am. Assoc. Variable Star Obs. Circ aavsoc
Am. J. Phys amjp
Anglo-Aust. Telesc., Annu. Rep aatar
Ann. Geophys ag
Ann. Geophys ag
Ann. Phys. (Leipzig) apl
Ann. Phys. (N.Y.) apny
Ann. Phys. (Paris) app
Appl. Opt ao
Appl. Phys. Lett appl
Appl. Phys., B apb
Appl. Spectrosc as
Arch. Hist. Exact Sci ahes
Archeoastronomy (U.K.) archuk
Archenhold–Sternw. Berlin–Treptow, Sonderdr
asbts
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs Arecibo Obs./NAIC, Newsl aonaicnl
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs Arecibo Obs./NAIC, Newsl aonaicnl Artif. Satell artsat
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs Arecibo Obs./NAIC, Newsl aonaicnl Artif. Satell artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs aiisao
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs Arecibo Obs./NAIC, Newsl aonaicnl Artif. Satell artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs aiisao Astrofizika af
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs Arecibo Obs./NAIC, Newsl aonaicnl Artif. Satell artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs aiisao Astrofizika af Astron. Astrophys aa
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs Arecibo Obs./NAIC, Newsl aonaicnl Artif. Satell artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs aiisao Astrofizika af Astron. Astrophys aa Astron. Astrophys. Rev aar
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr asbtvs Arecibo Obs./NAIC, Newsl aonaicnl Artif. Satell artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs aiisao Astrofizika af Astron. Astrophys aa Astron. Astrophys. Rev aar Astron. Astrophys. Suppl. Ser aas
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. astrofizika Astron. Astrophys. aar Astron. Astrophys. Rev. astron. Astrophys. Suppl. Ser. ass Astron. Bull. (Carter Obs.)
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. astrofizika Astron. Astrophys. aar Astron. Astrophys. Rev. Astron. Astrophys. Suppl. Ser. ass Astron. Ges., Abstr. Ser. agas
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astrofizika Astron. Astrophys. aar Astron. Astrophys. Rev. astron. Astrophys. Suppl. Ser. ass Astron. Bull. (Carter Obs.) Astron. Ges., Abstr. Ser. astron. Her. asther
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arcecibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Ges., Abstr. Ser. agas Astron. Inst. Univ. Brno, Contrib. aiubc
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr.asbtvsArecibo Obs./NAIC, Newsl.anaicnlArtif. Satell.Artofiz. Issled. Izv. Spets. Astrofiz. Obs.aitsatAstronfizikaAstron. Astrophys.Astron. Astrophys. Rev.arAstron. Bull. (Carter Obs.)Astron. Her.Astron. Inst. Univ. Brno, Contrib.astp
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. anaicnl Artif. Satell. Artofiz. Issled. Izv. Spets. Astrofiz. Obs. aitsao Astron. Astrophys. Astron. Astrophys. Rev. Astron. Astrophys. Rev. Astron. Bull. (Carter Obs.) Astron. Ges., Abstr. Ser. Astron. Inst. Univ. Brno, Contrib. Astron. J. Astron. J. Astron. Nachr.
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr.asbtvsArecibo Obs./NAIC, Newsl.anaicnlArtif. Satell.Artofiz. Issled. Izv. Spets. Astrofiz. Obs.aitsatAstronfizikaAstron. Astrophys.Astron. Astrophys. Rev.arAstron. Bull. (Carter Obs.)Astron. Her.Astron. Inst. Univ. Brno, Contrib.astpl.astpl.
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Bull. (Carter Obs.) abco Astron. Inst. Univ. Brno, Contrib. aiubc Astron. J. astj Astron. Nachr. an Astron. Now astnow Astron. Raumfahrt astraum
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. anaicnl Artif. Satell. Artofiz. Issled. Izv. Spets. Astrofiz. Obs. aitsao Astronfizika Astron. Astrophys. Astron. Astrophys. Rev. Astron. Bull. (Carter Obs.) Astron. Ges., Abstr. Ser. Astron. Inst. Univ. Brno, Contrib. Astron. J. Astron. Nachr. antuck Astron. Now astnow
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. Artif. Satell. Artif. Satell. Artophys. astrofizika Astron. Astrophys. Astron. Astrophys. Rev. Astron. Astrophys. Rev. Astron. Bull. (Carter Obs.) Astron. Ges., Abstr. Ser. Astron. Inst. Univ. Brno, Contrib. Astron. Nachr. Astron. Nachr. Astron. Now Astron. Raumfahrt Astron. Rechen-Inst.Heidelb., Mitt., Ser. A
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arccibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astronfizika af Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Ges., Abstr. Ser. agas Astron. Inst. Univ. Brno, Contrib. aiubc Astron. J. astj Astron. Nachr. an Astron. New astnow Astron. Raumfahrt astraum Astron. Rechen-Inst.Heidelb., Mitt., Ser. A astriha
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arccibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Bull. (Carter Obs.) abco Astron. Ges., Abstr. Ser. agas Astron. Inst. Univ. Brno, Contrib. aiubc Astron. Nachr. astj Astron. Nachr. astnow Astron. Raumfahrt astraum Astron. Rechen-Inst.Heidelb., Mitt., Ser. A astriha Astron. Sch. astschu
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Ges., Abstr. Ser. agas Astron. Inst. Univ. Brno, Contrib. aiubc Astron. Nachr. astig Astron. Now astrow Astron. Raumfahrt astraum Astron. Rechen-Inst.Heidelb., Mitt., Ser. A astriha Astron. Sch. astschu Astron. Sch. aststid
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arceibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Bull. (Carter Obs.) abco Astron. Ges., Abstr. Ser. agas Astron. Inst. Univ. Brno, Contrib. aiubc Astron. Nachr. astig Astron. Nachr. astnow Astron. Raumfahrt astraum Astron. Rechen-Inst.Heidelb., Mitt., Ser. A astriha Astron. Sch. asttid Astron. Tidsskr. asttid
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr.asbtvsArecibo Obs./NAIC, Newsl.aonaicnlArtif. Satell.artsatAstrofiz. Issled. Izv. Spets. Astrofiz. Obs.aiisaoAstron. Astrophys.aaAstron. Astrophys. Rev.aarAstron. Astrophys. Suppl. Ser.aasAstron. Ges., Abstr. Ser.agasAstron. Inst. Univ. Brno, Contrib.aiubcAstron. NowastnowAstron. RaumfahrtastraumAstron. Rechen-Inst.Heidelb., Mitt., Ser. AastraumAstron. Rechen-Inst.Heidelb., Mitt., Ser. BastrihbAstron. Tidsskr.asttidAstron. Tidsskr.asttidAstron. Tisrk.asttirAstron. Vestn.astvest
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arccibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astronfiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astronfiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astronfizika af Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Ges., Abstr. Ser. agas Astron. Her. asther Astron. Inst. Univ. Brno, Contrib. aiubc Astron. Nachr. an Astron. Nachr. an Astron. Raumfahrt astrow Astron. Rechen-Inst.Heidelb., Mitt., Ser. A astriha Astron. Rechen-Inst.Heidelb., Mitt., Ser. B astrihb Astron. Tidsskr. asttid Astron. Tidsskr. asttid Astron. Tidsskr. asttif
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arccibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astron. Astrophys. af Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Ges., Abstr. Ser. agas Astron. Inst. Univ. Brno, Contrib. aiubc Astron. Nachr. an Astron. Now astrow Astron. Raumfahrt astraum Astron. Rechen-Inst. Heidelb., Mitt., Ser. A astriba Astron. Tidsskr. asttih Astron. Tidsskr. asttif Astron. Tidsskr. asttisir Astron. Tidsskr. asttisir Astron. Tidskr. asttif Astron. Tidskr. asttif Astron. Tidskr. asttsir Astron. Tidskr. asttsir Astron. Tidskr. asttsir Astron. Tidskr. asttsir Astron. Zh. astzh
Archenhold-Sternw. Berlin-Treptow, Vortr. Schr. asbtvs Arccibo Obs./NAIC, Newsl. aonaicnl Artif. Satell. artsat Astrofiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astronfiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astronfiz. Issled. Izv. Spets. Astrofiz. Obs. aiisao Astronfizika af Astron. Astrophys. aa Astron. Astrophys. Rev. aar Astron. Astrophys. Suppl. Ser. aas Astron. Ges., Abstr. Ser. agas Astron. Her. asther Astron. Inst. Univ. Brno, Contrib. aiubc Astron. Nachr. an Astron. Nachr. an Astron. Raumfahrt astrow Astron. Rechen-Inst.Heidelb., Mitt., Ser. A astriha Astron. Rechen-Inst.Heidelb., Mitt., Ser. B astrihb Astron. Tidsskr. asttid Astron. Tidsskr. asttid Astron. Tidsskr. asttif

Astronomy	
Astronomy	astv
Astrophys. J.	ani
A stars have I I att	apj
Astrophys. J., Lett.	apji
Astrophys. J., Suppl. Ser.	
Astrophys. Lett. Commun	aplc
Astrophys. Space. Sci.	apss
Astrophysics	an
Atti Accad. Naz. Lincei, Ser. Ottava, Rend.	ap
aanlsor	
Aust. J. Astron.	ajast
Aust. J. Phys	ајр
BAV Mitt.	bavm
BAV Rundbrief	
BBSAG Bull.	
Be Star Newsl	005ag
Bild Wiss.	
BIPM Circ. T	
Biul. Obs. Astron. Uniw. M. Kopernika Tor	uniu
boaumkt	
Bol. Obs. Ebro	hoe
Bol. ROA	
Boundary-Layer Meteorol.	
Boyden Obs., Occas. Publ	
Br. Astron. Assoc. Circ.	bastac
Bulg. J. Phys.	bjp
Bull. Am. Astron. Soc.	
Bull. Am. Phys. Soc.	
Bull. Assoc. Fr. Obs. Etoiles Variables	
Bull. Astron. Inst. Czech	
Bull. Astron. Soc. India	basi
Bull. Crimean Astrophys. Obs	bcao
Bull. Geogr. Surv. Inst.	
Bull. Inf. Cent. Données Stellaires	hicds
Bull. Obs. Astron. Belgr.	h h
C. R. Acad. Sci., Sér. Gén., Vie Sci c	rassgvs
C. R. Acad. Sci., II	rassgvs crassii
	rassgvs crassii
C. R. Acad. Sci., II Can. J. Phys	rassgvs crassii cjp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech	crassgvs crassii cjp cm
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol	crassgvs crassii cjp cm . cassos
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus	crassgvs crassii cjp cm . cassos cent
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett	crassgvs crassii cjp cm . cassos cent cpl
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys	crassgvs crassii cjp cm . cassos cent cpl . chinaa
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys	crassgvs crassii cjp cm . cassos cent cpl . chinaa . chinp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys	crassgvs crassii cjp cm . cassos cent cpl . chinaa . chinp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys	rassgvs crassii cjp cm . cassos cent cpl . chinaa . chinp . chinpl
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Chin. Phys. Lett Chin. Phys. Lett	crassgvs crassii cjp cm . cassos cent cpl . chinaa . chinp . chinpl ciel
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Chin. Phys. Lett Chin. Phys. Lett Cliel	crassgvs crassii cjp cm . cassos cent cpl . chinaa . chinp . chinpl ciel . cielt
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Ciel Ierre Ciel Terre Circ. Czech. Obs. Time Lattiude	crassgvs crassii cjp cm . cassos cent cpl . chinaa . chinpl ciel ciel ccotl
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Ciel Terre Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Inf	crassgvs crassii cjp cm . cassos cent cpl . chinaa . chinpl ciel ciel cielt ccntl cinf
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Ciel Terre Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Inf Circ. Time Lattiude Serv	rassgvs crassii cjp cm . cassos cent cpl . chinpa . chinpl ciel ciel ciel cinf ctls
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Inf Circ. Time Lattiude Serv Classical Quantum Gravity	rassgvs crassii cjp cm . cassos cent cpl . chinaa . chinpl ciel ciel ciel cotl ctls cqg
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Inf Circ. Time Lattiude Serv Classical Quantum Gravity Comments Astrophys	crassgvs crassii cjp cm cassos cent cpl chinaa . chinpl cielt cielt cioff cinf ctls cqg cast
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Inf Circ. Time Lattiude Serv Classical Quantum Gravity Comments Astrophys	crassgvs crassii cjp cm cassos cent cpl chinaa . chinpl cielt cielt cioff cinf ctls cqg cast
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Chin. Phys Chin. Phys. Lett Ciel Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Inf Circ. Time Lattiude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys	crassgvs crassii cjp cm cassos cent cpl chinaa . chinp chinpl cielt cielt cotl cinf ctls cqg cast cnpp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Cicl Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys Comments Plasma Phys. Controlled Fusion	crassgvs crassii cjp cm cassos cent cpl chinaa . chinp chinpl cielt cielt cielt cotl ctls cqg cast cnpp . cppcf
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Cell Chin. Phys. Lett Chin. Phys. Lett Ciel Cicl Terre Cicl Terre Circ. Czech. Obs. Time Lattiude Circ. Inf Circ. Time Lattiude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, J.	crassgvs crassii cjp cm cassos cent cpl chinaa . chinp chinpl cielt cielt cielt cotl ctls cqg cast cnpp . cppcf
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Ciel Terre Cire Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2,	rassgvs crassii cjp cm . cassos cent cpl . chinpa . chinpl ciel ciel cielt cotl ctls cqg cast cast cppcf A3
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Cicl Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs	rassgvs crassii cjp cm cassos cent chinaa chinp chinpl chinpl cielt cielt cielt cielt cielt cielt cielt cielt cotls casso casso chinp cotls chinp cotls chinp cotls cotls casso casso casso casso chinp cotls cotls casso cas cas cas cas cas cas cas cas cas cas
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Ciel Terre Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Astrophys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys	rassgvs crassii cjp cm . cassos cent cpl . chinpa . chinpl ciel ciel ciel ciel cist cqg cast cqp cppcf A3 cko cmp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Cicl Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs	rassgvs crassii cjp cm . cassos cent cpl . chinpa . chinpl ciel ciel ciel ciel cist cqg cast cqp cppcf A3 cko cmp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Ciel Terre Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys Commun. Univ. Lond. Obs	rassgvs crassii cjp cm . cassos cent cpl . chinaa . chinp . chinpl ciel ciel ciel ciel cotl cotl cast cqg cast cpp . cppcf A3 cko cup
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Ciel Terre Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Astrophys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys Commun. Univ. Lond. Obs Comput. Phys	rassgvs crassii cjp cm . cassos cent cpl . chinal . chinp . chinpl ciel ciel ciel ciel cotl cotl cast cqg cast cpp A3 cko cmp culo comp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol. Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys Chin. Phys. Lett Ciel Terre Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Nucl. Part. Phys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys Comput. Phys Comput. Phys. Commun.	rassgvs crassii cjp cm . cassos cent cpl . chinaa . chinp . chinpl ciel ciel ciel cotl cotl cast cqg cast cqp . cppcf A3 cko cmp culo comp compcom
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Ciel Terre Circ Czech. Obs. Time Lattiude Circ. Inf Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Astrophys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys Comput. Phys. Commun. Comput. Phys Contemp. Phys	rassgvs crassii cjp cm . cassos cent cpl . chinaa . chinpl . ciel ciel ciel ciel citls cqg cast cnpp . cppcf A3 cko cmp compcom cp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Astrophys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys Comput. Phys Contrib. Astron. Obs. Skalnaté Pleso	rassgvs crassii cjp cm . cassos cent cpl . chinpl . ciel ciel ciel ciel cotl cotl cast cqg cast cqp . cast cqp . cast cqp cast cko cwp culo comp compcom cp . caosp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Cire. Thys. Lett Ciel Terre Cire. Czech. Obs. Time Lattiude Circ. Inf Circ. Time Lattitude Serv Classical Quantum Gravity Comments Astrophys Comments Astrophys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys Comput. Phys Comput. Phys Comput. Phys Contrib. Astron. Obs. Skalnaté Pleso Contrib. Astron. Phys	rassgvs crassii cjp cm . cassos cent cpl . chinpl . chinpl . ciel . ciel . ciel . ciel . ciel . cotl . cotl . cotl . cast cqg cast cqp . cppcf A3 cmp . comp . comp cp
C. R. Acad. Sci., II Can. J. Phys Celest. Mech Cent. Astron. Sci. Spat., Obs. Sol Centaurus Chem. Phys. Lett Chin. Astron. Astrophys Chin. Phys. Lett Chin. Phys. Lett Ciel Ciel Terre Circ. Czech. Obs. Time Lattiude Circ. Time Latitude Serv Classical Quantum Gravity Comments Astrophys Comments Astrophys Comments Plasma Phys. Controlled Fusion Commun. Fac. Sci. Univ. Ankara, Ser. A2, cfsua Commun. Konkoly Obs Commun. Math. Phys Comput. Phys Contrib. Astron. Obs. Skalnaté Pleso	rassgvs crassii cjp cm . cassos cent cpl . chinpl . chinpl . ciel . ciel . ciel . ciel . ciel . cotl . cotl . cotl . cast cqg cast cqp . cppcf A3 cmp . comp . comp cp

Contrib. Lick Obs clo
Contrib. Nicholas Copernicus Obs. Planetarium
Brno cncopb
Contrib. Nizamiah Japal-Rangapur Obs cnjro
Contrib. Plasma Phys cpp
Contrib. Van Vleck Obs cvvo
Cosmic Res cr
Cryogenics cryo
Czech. J. Phys., Sect. B czjp
Data Rep. Hydrogr. Obs., Ser. Astron. Geod. drho
Dtsch. Geod. Komm. Bayer. Akad. Wiss., Reihe B
dgkbawb
Dtsch. Geod. Komm. Bayer. Akad. Wiss., Reihe C
dgkbawc
Dtsch. Geod. Komm. Bayer. Akad. Wiss., Reihe E
dgkbawe
Earth Planet. Sci. Lett epsl
Earth Rotation Bull erb
Earth, Moon, Planets emp
Earth–Sci. Rev esrev
ESA Bull esab
ESA IUE Newsl esaiuenl
ESA J esaj
ESO Ann. Rep esoar
Eur. J. Phys ejp
Europhys. Lett
Europhys. News epn
Exp. Astron expast
Fizika fiz
Fortschr. Phys fortp
Found. Phys fp
Fundam. Cosmic Phys funcp
G. A.A.B gaab
G. Astron gast
8
Gemini
Gemini
Gemini
Gemini
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafd
Gemini
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gj
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grl
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeo
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeoGEOS Circ.geos
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbg
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheav
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.gr1GeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. Actahpa
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.gr1GeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. Actahpa
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepp
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeosGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hob
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.gr1GeophysicsgeosGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hi
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.gr1GeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iappp
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.ggfGeophys. Res. Lett.gr1GeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepppHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iauc
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.ggfGeophys. Res. Lett.gr1GeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepppHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iauc
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.gr1GeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauib
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.gafdGeophys. Res. Lett.grlGeophysicsgeoGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepppHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iauuIAU Inf. Bull.iauibIcarusicarus
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.gafdGeophys. Res. Lett.grlGeophys. Res. Lett.grlGeophysicsgeosGeOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepppHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etm
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.ggfGeophys. Res. Lett.grlGeophys. Res. Lett.grlGeophysicsgeosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etm
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.ggfGeophys. Res. Lett.grlGeophys. Res. Lett.grlGeophysicsgeosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Linf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etps
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Strophys. Fluid Dyn.gafdGeophys. Ses. Lett.grlGeophysicsgeosGeOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etnsIEEE Trans. Plasma Sci.i3etpsIERS Bull. Biersbb
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Strophys. Fluid Dyn.gafdGeophys. Ses. Lett.grlGeophysicsgeosGeOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etnsIEEE Trans. Plasma Sci.i3etpsIERS Bull. Biersbb
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Ses. Lett.grlGeophysicsgeosGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etnsIEEE Trans. Plasma Sci.i3etpsIERS Bull. B.iersbbIERS BullAiersba
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeosGeoS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etmsIEEE Trans. Plasma Sci.i3etpsIERS Bull.iersbbIERS Bull.iersbaIndian J. Pure Appl. Phys.ijpap
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.ggfGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeosGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etmsIEEE Trans. Plasma Sci.i3etpsIERS Bull.iersbbIERS Bull.iersbaIndian J. Pure Appl. Phys.ijpapIndian J. Radio Space Phys.ijrsp
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeosGeophysicsgeosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iauppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmsIEEE Trans. Nucl. Sci.i3etmsIEEE Trans. Plasma Sci.i3etpsIERS Bull. BiersbbIERS Bull. AiersbaIndian J. Pure Appl. Phys.ijpapIndian J. Radio Space Phys.ijrspInf. Bull. Variable Starsibvs
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.ggfGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeosGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iapppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etmsIEEE Trans. Plasma Sci.i3etpsIERS Bull.iersbbIERS Bull.iersbaIndian J. Pure Appl. Phys.ijpapIndian J. Radio Space Phys.ijrsp
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeosGeophysicsgeosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iauppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmsIEEE Trans. Nucl. Sci.i3etmsIEEE Trans. Plasma Sci.i3etpsIERS Bull. BiersbbIERS Bull. AiersbaIndian J. Pure Appl. Phys.ijpapIndian J. Radio Space Phys.ijrspInf. Bull. Variable Starsibvs
GeminigemGen. Relativ. GravitationgrgGeochim. Cosmochim. ActagcaGeomagn. Aehron.gaGeophys. Astrophys. Fluid Dyn.gafdGeophys. Astrophys. Fluid Dyn.gafdGeophys. J.gjGeophys. Res. Lett.grlGeophysicsgeosGEOS Circ.geosGerlands Beitr. Geophys.gbgHeavensheavHelv. Phys. ActahpaHigh Energ. Phys. Nucl. Phys.hepnpHvar Obs. Bull.hobHyperfine Interact.hiI.A.P.P.P. Commun.iauppIAU Circ.iaucIAU Inf. Bull.iauibIcarusicarusIEEE Trans. Magn.i3etmIEEE Trans. Nucl. Sci.i3etmsIEEE Trans. Plasma Sci.i3etpsIERS Bull. BiersbbIERS Bull. BiersbaIndian J. Pure Appl. Phys.ijpapIndian J. Radio Space Phys.ijrspInf. Bull. Variable StarsibvsInst. Astron. Astrophys. Tech. Univ. Berlin, Mitt.

Inst. Astron., Univ. Camb., Annu. Rep ia
Int. Comet Q icq
Int. J. Infrared Millimeter Waves ijimw
Int. J. Mod. Phys. A ijmp
Int. J. Theor. Phys ijtp
Inverse Probl ip
Ir. Astron. J iastj
IRIS Bull. A iris
Issled. Solntsa Krasnykh Zvezd iskz
Issied. Jointsa Kiashykh Zvezu ISKZ
Itogi Nauki Tekh., Ser. Astron intsa
Itogi NAuki Tekh., Ser. Plazmennye Protsessy Kos-
mose
intsppk
Izv. Astron. Obs. Ehngel'gardt iaoe
Izv. Krym. Astrofiz. Obs ikao
Izv. Vyssch. Uchebn. Zaved., Radiofiz ivuzr
J. Acoust. Soc. Am jasa
J. Am. Assoc. Variable Star Obs jaavso
J. Appl. Meteorol
J. Appl. Phys jap
J. Astron. Fr jastf
J. Astrophys. Astron japast
J. Atmos. Sci jas
J. Atmos. Terr. Phys jatp
J. Br. Astron. Assoc jbasta
J. Br. Interplanet. Soc jbis
J. Chem. Phys jcp
J. Comp. Phys jcomp
J. Electrostat
J. Fac Sci., Ege Univ., Ser. A jfseu
J. Fluid Mech jfm
J. Geophys. Res jgr
J. Hist. Astron
J. Mater. Sci
J. Math. Phys jmp
J. Mod. Opt jmo
J. Opt. (Paris) jop
J. Opt. Soc. Am. A josaa
J. Opt. Soc. Am. B
J. Phys
J. Phys. A jpa
J. Phys. B jpb
J. Phys. D jpd
J. Phys. E
J. Phys. G jpg
J. Phys. Soc. Jpn jpsj
J. Plasma Phys jpp
J. Quant. Spectrosc. Radiat. Transfer jqsrt
J. R. Astron. Soc. Can
J. Stat. Phys jsp
J. Vac. Sci. Technol., A jvst
JETP Lett jetpl
Johns Hopkins APL Tech. Dig jhatd
Jpn. J. Appl. Phys., Part 1
Jpn. J. Appl. Phys., Part 2 jjap2
Kapteyn Astron. Inst., Annu. Rep kai
Kapteyn Astron. Inst., Annu. Rep kai
Kapteyn Astron. Inst., Annu. Rep kai Kexue Tongbao kexto
Kapteyn Astron. Inst., Annu. Rep kai Kexue Tongbao kexto Kinematika Fiz. Nebesn. Tel kfnt
Kapteyn Astron. Inst., Annu. Rep kai Kexue Tongbao
Kapteyn Astron. Inst., Annu. Rep kai Kexue Tongbao
Kapteyn Astron. Inst., Annu. Rep kai Kexue Tongbao
Kapteyn Astron. Inst., Annu. Rep kai Kexue Tongbao
Kapteyn Astron. Inst., Annu. Rep.kaiKexue TongbaokextoKinematika Fiz. Nebesn. TelkfntKodaikanal Obs. Bull.kobKomet. Tsirk.ktKosm. Issled.kiKozmoskoz
Kapteyn Astron. Inst., Annu. Rep.kaiKexue TongbaokextoKinematika Fiz. Nebesn. TelkfntKodaikanal Obs. Bull.kobKomet. Tsirk.ktKosm. Issled.kiKozmoskozKPMkpm
Kapteyn Astron. Inst., Annu. Rep.kaiKexue TongbaokextoKinematika Fiz. Nebesn. TelkfntKodaikanal Obs. Bull.kobKomet. Tsirk.ktKosm. Issled.kiKozmoskoz

Latitude Circlatc	Phys. Fluids, A pfa
LEST Found., Annu. Rep lest	Phys. Fluids, B pfb
Lett. Math. Phys lmp	Phys. Lett. A pla
Lick Obs. Bull lob	Phys. Lett. B plb
Manuscr. Geod mg	Phys. Rep pr
Mater. Lett ml	Phys. Rev. A pra
Mater. Res. Bull mrb	Phys. Rev. B prb
Mem. Fac. Sci., Kyoto Univ., Ser. Phys., Astrophys.,	Phys. Rev. C prc
Geophys., Chem mfs	Phys. Rev. D prd
Mem. Soc. Astron. Ital msai	Phys. Rev. Lett prl
Mercury	Phys. Scr ps
Messenger	Phys. Teach
Messenger mess Meteoritics met	Phys. Today ptod
	• • •
Meteoritika metka	Physica A pha Physica B phb
Metrologica metro	•
Minor Planet Bull mpb	Physica D phd
Minor Planet Circ	Pis'ma Astron. Zh paz
Mitt. Archenold-Sternw. Berlin Treptow masbt	Planet. Space Sci pss
Mitt. Astron. Ges mag	Plasma Phys. Controlled Fusion ppcf
Mitt. Lohrmann-Obs., Tech. Univ. Dresden mlotud	Postepy Astron pa
Mitt. Sternw. Sonneberg mss	Pramãna pram
Mitt. Veränderliche Sterne mvs	Priroda pri
Mitt. Zentralinst. Phys. Erde mzpe	Proc. Astron. Soc. Aust pasa
Mod. Phys. Lett. A mpla	Proc. IEEE pi3e
Mon. Not. R. Astron. Soc mn	Proc. R. Soc. London, Ser. A prsl
Mon. Notes Astron. Soc. S. Afr mnassa	Proceedings of SPIE posp
Nablyud. Iskusstv. Nebesn. Tel nint	Prog. Astron past
Nachr. Olbers-Ges. Bremen nogb	Prog. Theor. Phys ptp
Natl. Astron. Obs. (Jpn.), Repr naoj	Publ. Astron. Inst. Czech. Acad. Sci paicas
Natl. Geogr ng	Publ. Astron. Soc. Jpn pasj
Natl. Radio Astron. Obs., Repr., Ser. A nraoa	Publ. Astron. Soc. Pac
Natl. Radio Astron. Obs., Repr., Ser. B nraob	Publ. Beijing Astron. Obs pbao
Nature nat	Publ. Dep. Astron., Univ. Beogr pdaub
Naturwissenschaften	Publ. Dom. Astrophys. Obs
Nauchn. Inf ni	Publ. Natl. Astron. Obs. Jpn pnlaoj
News Lett. Astron. Soc. N.Y	Publ. Purple Mt. Obs
Nizamiah Rangapur Obs. Dep. Astron., Osmania	Publ. Shaanxi Astron. Obs
Univ., Repr	Publ. Spéc. Cent. Données Stellaires pscds
NRAO Workshop nraow	Publ. Yunnan Obs pyo
Nucl. Instrum. Methods Phys. Res., Sect. A nimpra	Pure Appl. Geophys pag
Nucl. Instrum. Methods Phys. Res., Sect. B nimprb	Q. Bull. Sol. Act
Nucl. Phys. A	Q. J. R. Astron. Soc
Nucl. Phys. B, Part. Phys npb	Radiant rad
Nuovo Cimento A	Radio Sci rsci
Nuovo Cimento B ncb	Recherche reche
Nuovo Cimento C ncc	Rep. Prog. Phys rpp
Obs. Trav ot	Rev. Astron
Observatory obs	Rev. Geophys
Occultation Newsl onl	Rev. Mex. Fis rmf
Österr. Z. Vermessungswes. Photogramm ozvp	Rev. Mod. Phys rmp
Opt. Commun	Rev. Roum. Phys rrp
Opt. Eng oe	Rev. Sci. Instrum rsi
Opt. Laser Technol olt	Riv. Nuovo Cimento rnc
Opt. Lett	Říše hvězd rh
Opt. News	S. Afr. Astron. Obs., Annu. Rep saaoar
Opt. Spectrosc	S. Afr. Astron. Obs., Circ
Optik	SAAO Newsl saaon
Origins Life Evol. Biosphere ofeb	Sci. Am sciam
Orion orion	Sci. China, Ser. A scch
Orione orione	Sci. Rep. Tôhoku Univ., Eighth Ser srtu
Oss. Astrofis. Catania, Pubbl	Science
Perem. Zvezdy	Sendai Astron. Rap sar
Phys. Bl pb	Sidereal Times
Phys. Chem. Miner pcm	Sky Telesc sky
J	,

Sol. Bull. (AAVSO)	
Sol. Energy	se
Sol. Phys	sp
Sol. Radio Data	srd
Sol. Syst. Res.	
Soln. Dannye, Byull	
Sonne	. sonne
Soobshch. Byurak. Obs	sho
Soobshch. Spets. Astrofiz. Obs.	
South. Stars	
Sov. Astron.	
Sov. Astron. Lett.	
Sov. J. Opt. Technol.	sjot
Sov. Phys. – Dokl Sov. Phys. – JETP	spd
Sov. Phys. – Usp	
Space	
Space Sci. Rev	
Space Telesc. Sci. Inst., Newsl	stsi
Spaceflight	sf
Sterne	sterne
Sterne Weltraum	
Sternenbote	
Strolling Astron.	
Stud. Geophys. Geod	
Tartu Astrofüüs. Obs. Teated	
Tectonophysics	
Tellus, Ser. A	
Teor. Mat. Fiz.	
Theor. Pap.	
Time Serv. Bull	
Tokyo Meteor Network Rep	
Tsirk. Astron. Inst. (Tashkent)	
Ukr. Fiz. Zh	
Universe Classroom	ucla
Upps. Astron. Obs., Rep	uao
Urania	urania
U.S. Nav. Obs., Circ.	. usnoc
U.S. Nav. Obs., Ser. 4	
Usp. Fiz. Nauk	
Variable Star Bull.	
Vasiona	
Veröff. Astron. Rechen–Inst. Heidelb.	
Veröff. Zentralinst. Phys. Erde	
Veron: Zentrannst. Thys. Erde	
Vestn. Akad. Nauk SSSR	
Vestn. Kiev. Univ., Astron	
Vistas Astron.	
WGN	
Wiss. Z. Tech. Univ. Dresden	
Yamamoto Circ.	
Z. Angew. Math. Phys	
Z. Naturforsch., A	
Z. Phys., A	zpa
Z. Phys., C	
Zemlya Vselennaya	
Zenit	
Zh. Ehksp. Teor. Fiz.	
	2001