



## How to Use the PEAS Bibliographic Style Files

**Abstract.** This manual describes how to use the PEAS\_numbers.bst, PEAS\_numbers\_sort.bst, and PEAS\_authoryear.bst style files to produce bibliographies that satisfy the requirements of the *Proceedings of the Estonian Academy of Sciences*.

**Key words:** bibliography, references, BIB<sub>T</sub>EX, L<sub>A</sub>T<sub>E</sub>X, style.

### 1. INTRODUCTION

Two bibliographic style files PEAS\_numbers.bst, PEAS\_numbers\_sort.bst, and PEAS\_authoryear.bst are provided to produce bibliographies suitable for use in the journal the *Proceedings of the Estonian Academy of Sciences*. The files are intended to be employed along with the main class file proceedings.cls. The assignment of the files is the following:

- PEAS\_numbers.bst – for bibliography in the numerical unsorted style (i.e. references will appear in the order in which they are cited);
- PEAS\_numbers\_sort.bst – for bibliography in the numerical sorted style (i.e. references will appear in the alphabetical order based on the names of the authors, editors, organizations, etc);
- PEAS\_authoryear.bst – for bibliography in the author-year style.

It is assumed that the reader has a basic knowledge about the operation and use of BIB<sub>T</sub>EX.

### 2. USAGE

PEAS\_numbers.bst, PEAS\_numbers\_sort.bst, and PEAS\_authoryear.bst are invoked using the standard bibliography commands:

```
\bibliographystyle{PEAS_numbers.bst}  
\bibliography{mybibfile}
```

```
\bibliographystyle{PEAS_numbers_sort.bst}  
\bibliography{mybibfile}
```

or

```
\bibliographystyle{PEAS_authoryear.bst}  
\bibliography{mybibfile}
```

respectively. The command \bibliography invokes bibliography database file(s) (in this example only one file mybibfile.bib).

The author-year style of referencing is enabled by the L<sup>A</sup>T<sub>E</sub>X package natbib. This package provides the citation commands:

- `\citet{ }` – for textual citation, produces, for example, Erdős (1995),
- `\citep{ }` – for parenthetical citation, produces, for example, (Erdős, 1995).

In the numbered scheme of citation, `\cite{ }` is used, since `\citet{ }` or `\citep{ }` has no relevance for the numerical style. The package natbib is loaded by the class file proceedings.cls with numbers (corresponds to the numerical style) as default option. You can change this to author-year style by adding option `authoryear` in the class loading command:

```
\documentclass[authoryear]{proceedings}
```

## 2.1. Nonstandard extensions

PEAS bibliographic style files use nonstandard entry type “patent” for formatting patents.

## 2.2. Cross-referenced entries

PEAS\_numbers.bst and PEAS\_authoryear.bst have no special formatting rules for entries that use cross references (via the `crossref` field). Nevertheless, the entries using the `crossref` field are allowed to inherit any missing fields from their respective cross-referenced entries in the standard B<sub>I</sub>B<sub>T</sub>E<sub>X</sub> manner. However, users who prefer to employ cross-referenced entries must remember to set “min-crossrefs” parameter to a large value (greater than the number of bibliography entries) on the command line before invoking B<sub>I</sub>B<sub>T</sub>E<sub>X</sub>:

```
bibtex -min-crossrefs=900 myfile
```

Otherwise, the cross-referenced entries will be added to the end of the bibliography, which is unwanted.