

# An Example of a Paper with a Rather Large Title-to-Content Ratio

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This is a sentence in the abstract. This is another sentence in the abstract. This is yet another sentence in the abstract. This is the final sentence in the abstract.

## 1 Introduction

The optional arguments of `\documentclass{eptcs}` are

- at most one of `adraft`, `submission` or `preliminary`,
- at most one of `publicdomain` or `copyright`,
- and optionally `creativecommons`,
  - possibly augmented with
    - \* `noderivs`
    - \* or `sharealike`,
  - and possibly augmented with `noncommercial`.

We use `adraft` rather than `draft` so as not to confuse `hyperref`. The style-file option `submission` is for papers that are submitted to `\event`, where the value of the latter is to be filled in in line 2 of the `tex` file. Use `preliminary` only for papers that are accepted but not yet published. The final version of your paper to be uploaded to the EPTCS website should have none of these style-file options.

Using the style-file option `creativecommons` authors equip their paper with a Creative Commons license that allows everyone to copy, distribute, display, and perform their copyrighted work and derivative works based upon it, but only if they give credit the way you request. By invoking the additional style-file option `noderivs` you let others copy, distribute, display, and perform only verbatim copies of your work, but not derivative works based upon it. Alternatively, the `sharealike` option allows others to distribute derivative works only under a license identical to the license that governs your work. Finally, you can invoke the option `noncommercial` that let others copy, distribute, display, and perform your work and derivative works based upon it for noncommercial purposes only.

Authors' (multiple) affiliations and emails use the commands `\institute` and `\email`. Both are optional. Authors should moreover supply `\titlerunning` and `\authorrunning`, and in case the copyrightholders are not the authors also `\copyrightholders`. As illustrated above, heuristic solutions may be called for to share affiliations. Authors may apply their own creativity here [1].

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\*A fine university.

EPTCS recommends using `\documentclass[copyright,creativecommons]{eptcs}`. Additionally, the title should be set in title case, meaning that major words start with a capital letter, and only articles, prepositions and conjunctions appear in lower case.

Exactly 46 lines fit on a page. The rest is like any normal  $\LaTeX$  article. We will spare you the details.

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DOIs of papers can often be found through <http://www.crossref.org/guestquery>;<sup>2</sup> the second method *Search on article title*, only using the **surname** of the first-listed author, works best. Other places to find DOIs are DBLP and the response pages for cited papers (maintained by their publishers).

**The bibtex fields `eprint` and `url`** Often an official publication is only available against payment. However, as a courtesy to readers that do not wish to pay, the authors also make the paper available free of charge at a repository such as [arXiv.org](http://arxiv.org). In such a case, it is recommended to also refer and link to the URL of the response page of the paper in such a repository. This can be done using the bibtex fields `eprint` or `url`. The latter field should **not** be used to duplicate information that is also provided through `doi` or `eprint`. You can find archival-quality URLs for most recently published papers in DBLP, but please suppress repetition of DOI or `eprint` information though `url`. In fact, it is often useful to check your references against DBLP records anyway, or just find them there in the first place.

**Typesetting DOIs and URLs** When using  $\LaTeX$  rather than `pdflatex` to typeset your paper, by default no line breaks within long URLs are allowed. This leads often to very ugly output, that moreover is different from the output generated when using `pdflatex`. This problem is repaired when invoking `\usepackage{breakurl}`: it allows line breaks within links and yield the same output as obtained by default with `pdflatex`. When invoking `pdflatex`, the package `breakurl` is ignored.

The package `\usepackage{underscore}` is recommended to deal with underscores in DOIs. This is not needed when using `\usepackage{breakurl}` and not `pdflatex`.

**References to papers in the same EPTCS volume** To refer to another paper in the same volume as your own contribution, use a bibtex entry with

$$\text{series} = \{\backslash\text{thisvolume}\{5\}\},$$

where 5 is the submission number of the paper you want to cite. You may need to contact the author, volume editors, or EPTCS staff to find that submission number; it becomes known (and unchangeable) as soon as the cited paper is first uploaded at EPTCS. Furthermore, omit the fields `publisher` and `volume`. Then in your main paper, you put something like:

```
\providecommand{\thisvolume}[1]{this volume of EPTCS, Open Publishing Association}
```

This acts as a placeholder macro-expansion until EPTCS software adds something like

```
\newcommand{\thisvolume}[1]{\eptcs 157\opa, pp 45-56, doi:...},
```

where the relevant numbers are pulled out of the database at publication time. Here the `newcommand` wins from the `providecommand`, and `\eptcs` resp. `\opa` expand to

```
\sl Electronic Proceedings in Theoretical Computer Science and  
, Open Publishing Association .
```

Hence putting `\def\opa{}` in your paper suppresses the addition of a publisher upon expansion of the citation by EPTCS. An optional argument like

$$\text{series} = \{\backslash\text{thisvolume}[\text{EPTCS}]\{5\}\},$$

overwrites the value of `\eptcs`.

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<sup>2</sup>For papers that will appear in EPTCS and use `\bibliographystyle{eptcs}` there is no need to find DOIs on this website, as EPTCS will look them up for you automatically upon submission of the first version of your paper; these DOIs can then be incorporated into the final version, together with the remaining DOIs that need to be found at DBLP or the publisher's web pages.

## References

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