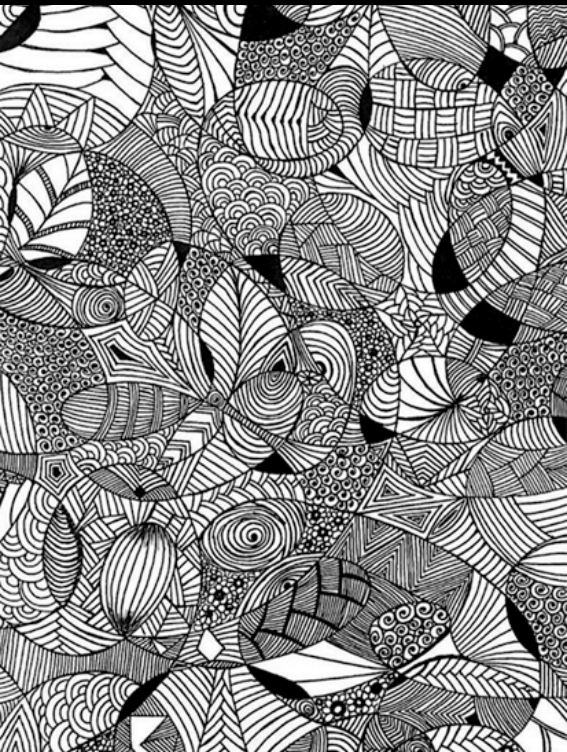


# NEPTUNE: PROOFING FRAMEWORK

RASHMI R PRABHU AND AKSHAY KS



# Neptune: Proofing Framework

Rashmi R Prabhu and Akshay KS

(English: Tech. notes)

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The electronic versions were generated from sources marked up in [L<sup>A</sup>T<sub>E</sub>X](#) after incorporating all the sketches provided by the author, in a computer running GNU/LINUX operating system. PDF was typeset using [X<sub>Y</sub>L<sub>A</sub>T<sub>E</sub>X](#) from [T<sub>E</sub>XLive](#) 2020. The base font used is Cormarant Garamond Medium at 10 pt.

Cover: Zen art by Ayisha Sasidharan specially for Sayahna.

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# Neptune: A proofing framework for

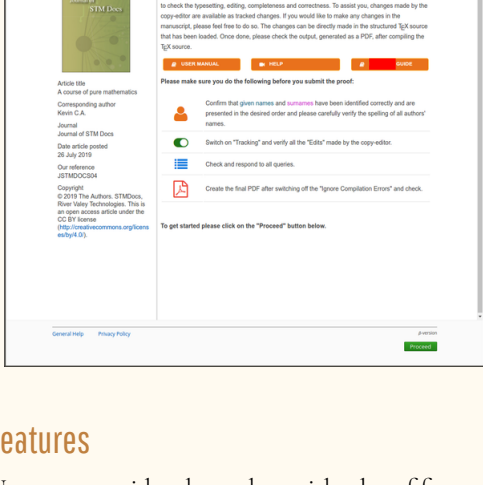
# L<sup>A</sup>T<sub>E</sub>X authors

## Description

Neptune is a Web-based proofing framework for L<sup>A</sup>T<sub>E</sub>X authors. For quite some time, authors had to rely on HTML proofing framework which renders XML document. The major issue with this framework is that the authors could never see the final published output during proofing. Therefore authors had to repeatedly proof the articles at different stages before the final publishing, which was a tedious task.

STMDocs came up with a web-based proofing framework which uses L<sup>A</sup>T<sub>E</sub>X files as input. Authors now have complete control over their article. Instead of marking edits and hoping the edits would be included in the final version, they could now make the edits in their article themselves available in Neptune and also see the compiled final output PDF at the same time. Neptune is supported in all the latest web browsers.

## Neptune landing page



## Features

Neptune provides the author with a lot of features such as,

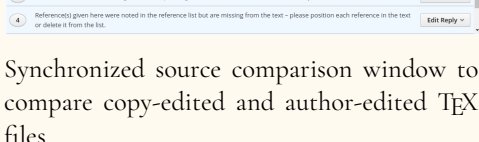
- Make edits directly in the L<sup>A</sup>T<sub>E</sub>X source and view the output by compiling.

```
Article
1 \documentclass[fleqn,s1, names, sort, tex]{neptune}
2 \usepackage[5.5]{neptune-els-dtd}
3
4 %% Please do not edit bookindate/proofdate
5 \bookindate{2020-08-22}
6 \proofdate{2020-09-10}
7 %%
8 \usepackage[nptn]{neptune-els}
9
10 \DeclareMathOperator*{\essup}{essup}
11 \DeclareMathOperator{\tr}{\mathsf{tr}}
12 \DeclareMathOperator{\sign}{\mathbf{sign}}
13 \DeclareMathOperator{\vecth}{\mathbf{vech}}
14 \DeclareMathOperator{\rank}{rank}
15 \DeclareMathOperator{\rand}{\mathsf{rand}}
16 \DeclareMathOperator{\Span}{Span}
17 \DeclareMathOperator{\Adj}{Adj}
18 \setcounter{MaxMatrixCols}{20}
```

- Ignore compilation mode to bypass minor compilation errors and check the output.
- Add/remove objects like figures, tables, equations etc.
- Output PDF is generated as per journal house-style.
- Functional tracker to track edits in the source file, Table of contents, figures, tables and notes.



- Easy source–PDF navigation.
- Vertical and horizontal scrolling features.
- Facility to add notes, instructions and comments.
- Edit/Query panels can be hidden when not in use.
- Search/replace function with regular expression support.
- PDF output with hyperlinks and bookmarks.
- Connected with publisher's production tracker.
- PDF download option.
- Upload wizard to upload additional required files, figures etc.
- Multiple themes available as per user's convenient.
- Query panel to handle author–typesetter communication.



- Synchronized source comparison window to compare copy-edited and author-edited TeX files.
- Synchronized PDF comparison window to compare copy-edited and author-edited PDF.
- No need for repetitive proofing.
- 24 hours technical support.

## Success story

- A major publisher in the world has accepted Neptune as their L<sup>A</sup>T<sub>E</sub>X proofing solution.
- From November 2018 to until now, more than 18,500 L<sup>A</sup>T<sub>E</sub>X articles are proofed out through Neptune.
- Neptune CSAT score is 95.00%.
- More and more journal roll-out are in the pipeline.
- Author utilisation of Neptune functionalities is 98%.

## Epilog

- The content that Sayahna includes in these Phone PDFs are those that can be read in under thirty to forty minutes. Computers or Desktop applications are not necessary for reading them.
- The PDFs are made available in beautiful, rich formats and can be easily read from your smart phones. They are customized to adhere perfectly with the dimensions of your phone screen.
- Most smartphones these days are equipped with in-built readers for PDF content. However, the free Adobe Acrobat Reader application offers the best reading experience. We would recommend that you install Adobe readers in your phones and use them for reading our content.
- Anybody who is interested in open access publishing and want to submit their work to Sayahna may do so by mailing it to [info@sayahna.org](mailto:info@sayahna.org). The work could be anything from stories, memoirs, articles, interviews, movie reviews, poems, plays, sketches or paintings; the only stipulation being that they should be succinct enough to be read under thirty to sixty minutes.
- Sayahna welcomes all your thoughts on our efforts! You may either mail them to [info@sayahna.org](mailto:info@sayahna.org) or post them under the Comments section in this [web page](#). We eagerly await your feedbacks and hope to derive from them the necessary impetus to drive Sayahna to new heights.