

# Elsevier L<sup>A</sup>T<sub>E</sub>X template<sup>\*</sup>

Elsevier<sup>1</sup>

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## Abstract

This template helps you to create a properly formatted L<sup>A</sup>T<sub>E</sub>X manuscript.

*Keywords:* `elsarticle.cls`, L<sup>A</sup>T<sub>E</sub>X, Elsevier, template

*2010 MSC:* 00-01, 99-00

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## 1. Introduction

Here write your introduction. heating zone temperature set-point, °C ( $T_{sp,h}$ )

## 2. Methodology

Here describe your methodology

## 5 3. Results

The results of the experiment are shown in Figure 1.

$$x^n + y^n = z^n$$

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<sup>\*</sup>Fully documented templates are available in the elsarticle package on CTAN.

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<sup>1</sup>Since 1880.

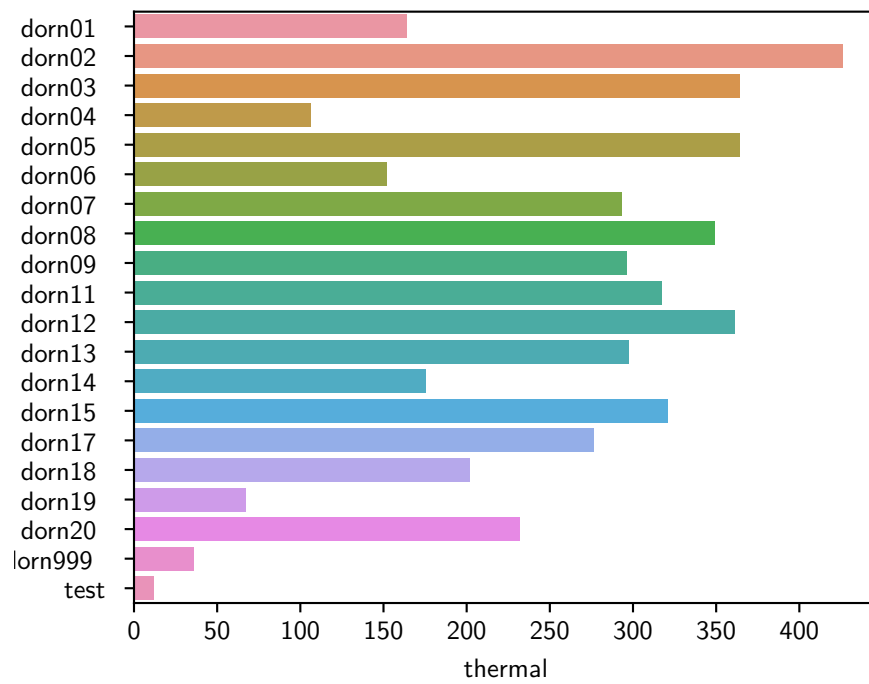


Figure 1: A PGF histogram from `matplotlib`.

Table 1: Statistical summary for numerical variables.

userid	count	mean	std	min	25%	50%	75%	max
dorn01	165.0	473.96	1659.25	5.29	7.95	10.47	16.34	12881.03
dorn02	411.0	12.69*	18.14	0.05	8.93	10.96	14.07	367.31
dorn03	364.0	1696.61	7390.73	5.55	10.40	17.47	684.75	77659.02
dorn04	107.0	951.14	3653.38	6.41	12.63	19.16	39.11	33472.54
dorn05	364.0	294.73*	3696.22	2.63	4.20	5.64	7.60	58376.93
dorn06	152.0	596.64	3716.76	6.04	11.42	14.97	20.25	43851.74
dorn07	293.0	4574.93	71580.75	5.92	13.72	17.91	36.95	1225455.14
dorn08	339.0	830.2	4687.95	6.12	10.27	14.73	22.52	58846.26
dorn09	297.0	17.36*	95.62	4.20	6.93	8.85	11.77	1515.80
dorn11	304.0	470.99	1948.68	4.18	8.07	12.28	29.35	28388.53
dorn12	361.0	372.32*	2304.75	3.51	7.52	9.89	14.71	39203.63
dorn13	285.0	568.58	4681.60	6.46	9.88	13.50	20.67	63232.19
dorn14	178.0	3003.79	8466.04	0.01	7.90	19.33	2911.38	55415.87
dorn15	310.0	158.74*	631.21	0.03	7.86	9.55	11.73	5071.06
dorn17	276.0	120.74*	581.28	5.38	8.54	10.45	13.54	6348.56
dorn18	202.0	784.42	4644.73	3.36	7.04	9.69	14.87	59817.05
dorn19	67.0	26.4*	85.46	5.55	8.31	11.01	15.94	646.16
dorn20	232.0	468.97	1366.59	5.67	8.09	10.07	16.05	8423.58
dorn999	69.0	70.65*	306.19	0.03	0.04	0.92	3.39	2233.02
test	18.0	1.39*	3.22	0.00	0.04	0.57	1.13	14.01

#### 4. The Elsevier article class

<sup>10</sup> *Installation.* If the document class *elsarticle* is not available on your computer, you can download and install the system package *texlive-publishers* (Linux) or install the L<sup>A</sup>T<sub>E</sub>X package *elsarticle* using the package manager of your T<sub>E</sub>X installation, which is typically T<sub>E</sub>X Live or MikT<sub>E</sub>X.

*Usage.* Once the package is properly installed, you can use the document class *elsarticle* to  
<sup>15</sup> create a manuscript. Please make sure that your manuscript follows the guidelines in the

Guide for Authors of the relevant journal. It is not necessary to typeset your manuscript in exactly the same way as an article, unless you are submitting to a camera-ready copy (CRC) journal.

*Functionality.* The Elsevier article class is based on the standard article class and supports almost all of the functionality of that class. In addition, it features commands and options to format the

- document style
- baselineskip
- front matter
- keywords and MSC codes
- theorems, definitions and proofs
- labels of enumerations
- citation style and labeling.

## 5. Front matter

The author names and affiliations could be formatted in two ways:

- (1) Group the authors per affiliation.
- (2) Use footnotes to indicate the affiliations.

See the front matter of this document for examples. You are recommended to conform your choice to the journal you are submitting to.

## 6. Bibliography styles

There are various bibliography styles available. You can select the style of your choice in the preamble of this document. These styles are Elsevier styles based on standard styles like Harvard and Vancouver. Please use BibTeX to generate your bibliography and include DOIs whenever available.

Here are two sample references: [1, 2].

## References

- [1] R. Feynman, F. Vernon Jr., The theory of a general quantum system interacting with a linear dissipative system, *Annals of Physics* 24 (1963) 118–173. doi:10.1016/0003-4916(63)90068-X.
- <sup>45</sup> [2] P. Dirac, The lorentz transformation and absolute time, *Physica* 19 (1–12) (1953) 888–896. doi:10.1016/S0031-8914(53)80099-6.