

# Template demonstrating the quantum bibstyle

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## 1 Reference class <article>

For the <article> class, the <title> is printed in *italics*. The <journal> is not reformatted, the <volume> printed in **bold font**. We also include the <pages> if present and the <year> in round brackets (). <doi> links are always included if given, the same holds for <eprint>. Only if neither of these two fields is given do we use the <url> to provide a hyperlink to the article. Code repositories are linked whenever provided via the <code> field, which is a non-standard field in quantum.bst.

Examples:

<doi>	<eprint>	<url>	<code>	result
✓	✓	✓/×	✓	[1]
✓	✓	✓/×	×	[2]
×	✓	✓/×	✓	[3]
×	✓	✓/×	×	[4]
×	×	✓/×	✓	[5]
×	×	✓/×	×	[6]

Note that in particular citations via a URL alone are not recommended. If you want to cite a website or code repository, please use the respective reference classes <website> or <repository> (see below).

## Article references

- [1] Matthew McKague. *Self-testing in parallel with CHSH*. Quantum **1**, 1 (2017). DOI: [10.22331/q-2017-04-25-1](https://doi.org/10.22331/q-2017-04-25-1). eprint: [arXiv:1609.09584](https://arxiv.org/abs/1609.09584). code: [tony-blake/Hybrid-x509-s](#).
- [2] Matthew McKague. *Self-testing in parallel with CHSH*. Quantum **1**, 1 (2017). DOI: [10.22331/q-2017-04-25-1](https://doi.org/10.22331/q-2017-04-25-1). eprint: [arXiv:1609.09584](https://arxiv.org/abs/1609.09584).
- [3] Matthew McKague. *Self-testing in parallel with CHSH*. eprint: [arXiv:1609.09584](https://arxiv.org/abs/1609.09584). code: [tony-blake/Hybrid-x509-s](#).
- [4] Matthew McKague. *Self-testing in parallel with CHSH*. eprint: [arXiv:1609.09584](https://arxiv.org/abs/1609.09584). code: [tony-blake/Hybrid-x509-s](#).
- [5] Matthew McKague. *Self-testing in parallel with CHSH*. URL: [doi.org/10.22331/q-2017-04-25-1](https://doi.org/10.22331/q-2017-04-25-1). code: [tony-blake/Hybrid-x509-s](#).
- [6] Matthew McKague. *Self-testing in parallel with CHSH*. URL: [doi.org/10.22331/q-2017-04-25-1](https://doi.org/10.22331/q-2017-04-25-1).

## 2 Reference class <repository>

For the custom <repository> reference class, the <author> field is used if given but is not required (in contrast to the <article> class). If the repository address is given via <code> (strongly recommended), a properly formatted repository name is printed and links to the given address, including potentially version-, branch- or even commit-specific links. If no <code> entry is given, <url> is used as address instead, without any formatting of the printed text; Either <code> or <url> have to be provided. A title is not considered even if given. TODO: Consider a year in any way?

<code>	<url>	result
✓	✓/×	[1]
×	✓	[2]
×	×	invalid

Note that if you want both a <url> and a <code> link to be displayed, you can use the <website> reference class presented below for that.

### Repository references

- [1] Johannes Jakob Meyer. code: [johannesjmeyer/rsmf](#).
- [2] Johannes Jakob Meyer. URL: [github.com/johannesjmeyer/rsmf](#).

## 3 Reference class <website>

For the new custom reference class <website>, we require a <title> and a <url> which are both printed always. <author> is optional and printed if given, the same holds for <code>, which is formatted as repository link like for <repository>. If you want to provide <code> but not <url>, the reference class <repository> (see above) is made for you.

<author>	<code>	result
✓	✓	[1]
×	✓	[2]
✓	×	[3]
×	×	[4]

Note that if you want both a <url> and a <code> link to be displayed, you can use the <website> reference class presented below for that.

### Website references

- [1] The Wiki-authors. *Wikipedia*. URL: [wikipedia.com](#). code: [wikimedia/mediawiki](#).
- [2] *Wikipedia*. URL: [wikipedia.com](#). code: [wikimedia/mediawiki](#).
- [3] The Wiki-authors. *Wikipedia*. URL: [wikipedia.com](#).
- [4] *Wikipedia*. URL: [wikipedia.com](#).