



GMP-X 2026 extended abstract template

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Abstract

This is the GMP-X 2026 extended abstract template for \LaTeX . Use `pdflatex` and `bibtex` to compile it. Required length: 1 page (including references).

Summarize your main contribution and give the key references, e.g., to the work by Peters and Wittman [2] and by Kazhdan and Hoppe [1]. Do not use further sections or subsections. You can add one or more pictures, as long as they fit on this one page.



Figure 1: Example of a figure. Use the “[h!]” option for figures.

And you can refer to it; see Figure 1. If needed, you can use an enumerated list:

1. First item,
2. Second item.

Or you can use an itemized list:

- First item,
- Second item.

Morbi ut lorem lectus. Etiam quis dolor justo. Duis suscipit laoreet sollicitudin. Phasellus lacinia adipiscing tortor at posuere. Integer eget neque ac lacus vestibulum sollicitudin. Mauris vitae lacus dui. Aenean ultrices iaculis faucibus. Suspendisse congue, lectus in vulputate convallis, magna eros gravida mi, a molestie metus urna a nibh. Suspendisse adipiscing gravida ullamcorper. Aenean et nisl eu mi imperdiet mollis sit amet eu nunc. Nunc at turpis eget sapien eleifend lobortis at vitae nunc.

Example of a theorem with proof:

Theorem 1. *Aliquam nec sapien sit amet diam molestie tristique vitae sit amet libero,*

$$\pi = \sqrt{12} \sum_{k=0}^{\infty} \frac{(-3)^{-k}}{2k+1}. \quad (1)$$

Proof. Curabitur metus lorem, rhoncus nec ullamcorper quis, varius eget neque. Phasellus et turpis quis massa porta tincidunt. Donec fringilla luctus libero, at adipiscing justo ullamcorper non. Mauris magna ipsum, semper eget hendrerit nec, ornare sit amet neque. Nullam elementum arcu eget tellus porta mattis. \square

Quisque id risus mi. Nunc vel bibendum nulla. Curabitur nec quam est. Quisque commodo leo quis ligula imperdiet vitae gravida orci eleifend. Vestibulum sed mollis turpis. Donec feugiat facilisis lorem, eget hendrerit arcu dignissim sit amet. Suspendisse potenti.

Example of a corollary with proof:

Corollary 2. *Etiam quis mauris orci. Nam blandit elementum diam a molestie. Suspendisse ultricies auctor urna, quis sagittis metus semper vel. Cras vel nisi felis.*

Proof. Ut varius interdum pulvinar. Vivamus luctus consequat rutrum. Nulla facilisi. Mauris sit amet eros sit amet justo feugiat facilisis, according to (1), as shown in Theorem 1. \square

References

- [1] M. Kazhdan and H. Hoppe. Streaming multigrid for gradient-domain operations on large images. *ACM Transactions on Graphics*, 27(3):Article 21, 10 pages, Aug. 2008.
- [2] J. Peters and M. Wittman. Box-spline based CSG blends. In *SMA '97: Proceedings of the Fourth Symposium on Solid Modeling and Applications*, pages 195–205, May 1997.

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