- **Incomplete Bibliographic Information:** A significant number of entries in the "References" section are missing publication years (e.g., "Adams, J. F. ().", "Bott, R., & Tu, L. W. ().", etc.). This is a critical formatting issue that must be addressed. All citations should be complete and accurate.

- **Framing the Contribution:** The abstract states that the work "contributes to the ongoing development of computational topology". While true from a pedagogical and foundational standpoint, this phrasing might imply the presentation of novel research results. Given that the paper is an outstanding expository work, I suggest rephrasing to more accurately reflect this. A claim such as, "This work provides a comprehensive, computationally-grounded resource for the study of singular cohomology's additive structure, bridging foundational theory with modern applications," would better align with the manuscript's content and nature. 🔗

- **Minor Typographical Errors:** The manuscript is very clean, but a final proofread is recommended. For instance, in Figure 2 on Page 11, the caption text refers to a "-simplex" three times where it should be "2-simplex" to match the figure's content and title. Similarly, on page 12, the text refers to "one -cell and one -cell" for the circle's CW structure, which should be "one 0-cell and one 1-cell".

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4. Recommendation

This is a high-quality manuscript that succeeds admirably in its goal of providing a rigorous yet intuitive examination of singular cohomology's additive structure. Its pedagogical clarity, excellent visualizations, and modern computational perspective make it a valuable contribution to the mathematical literature.

I recommend **Accept with Minor Revisions**.

The revisions required are straightforward and primarily involve completing the bibliography and slightly refining the phrasing of the paper's contribution. Once these minor points are addressed, the manuscript will be an outstanding resource for the algebraic topology community and beyond.