The document title

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1 Numerical Results and Discussion

1.1 Numerical Results and Discussion

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$$y = mx + b \tag{1.1}$$

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i if (a > 3) {
    moveShip(5 * gravity, DOWN);
}
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¹Here is the footnote.

²Here's one with multiple blocks.

Subsequent paragraphs are indented to show that they belong to the previous footnote.

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References

- Gu, A., X. Huang, W. Sheu, G. Aldering, A. S. Bolton, K. Boone, A. Dey, et al. 2022. "GIGA-Lens: Fast Bayesian Inference for Strong Gravitational Lens Modeling." https://arxiv.org/abs/2202.07663.
- Gu, A., A. Lowe, P. Dub, P. Coles, and A. Arrasmith. 2021. "Adaptive Shot Allocation for Fast Convergence in Variational Quantum Algorithms." https://arxiv.org/abs/2108.10434.
- Huang, X., C. Storfer, A. Gu, V. Ravi, A. Pilon, W. Sheu, R. Venguswamy, et al. 2021. "Discovering New Strong Gravitational Lenses in the DESI Legacy Imaging Surveys." *The Astrophysical Journal* 909 (1): 27. https://doi.org/10.3847/1538-4357/abd62b.