

Acknowledgments, Citations, and Gen AI Declaration for "Cosmic Collisions: Insights from Magnetohydrodynamic Simulations of a Colliding Neutron Star and White Dwarf"

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4 DECLARATION OF GEN AI USE

5 I.F.G.C. acknowledges the use of Open AI's Chat GPT 5 to generate code over the
6 duration of this project. It was used to:

- 7 • Troubleshoot the installation and set up of the AREPO and Gadget packages;
- 8 • Resolve errors with Conda installs and environment dependencies;
- 9 • Revise and provide documentation for Python3 code initially developed without
10 Gen AI;
- 11 • Generate Python3 code that could interpret the hdf5 file type;
- 12 • In order to generate Python3 code that adapts, loops or scales initially devel-
13 oped without Gen AI;
- 14 • And to trouble shooting various errors, and bugs encountered both in Python3
15 and tsch/bash.

16 X.D. acknowledges their use of Open AI's Chat GPT5 and Google's Gemini, over
17 the duration of this project, in the following type of tasks:

- 18 • Correcting minor coding mistakes

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 26 binaries/collisions and x-ray binaries, and potential for finding such systems observa-
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