

研究課題名

利用者氏名(所属機関)

利用カテゴリ XT4S ・XT4A ・XT4B ・XT4C ・XT4MD ・SX9A ・SX9B ・SX9MD ・
GRAPE-A ・GRAPE-B ・GRAPE-C ・汎用PC

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Last year, I continued a series of small and sporadic test simulations aimed at improving the accuracy and efficiency of our general-relativistic magnetohydrodynamics code, Whisky. Furthermore, we have completed our work on the comparison of general relativistic hydrodynamics codes (from different groups) and have published the results on Phys. Rev. D.

[Binary neutron-star mergers with Whisky and SACRA: First quantitative comparison of results from independent general-relativistic hydrodynamics codes, Baiotti L., Shibata M., Phys. Rev. D82 (2010) 064015-1~14]