

Ay190 – Worksheet 01
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Date: January 13, 2014

Today, we are making reference to O'Connor & Ott's paper on the progenitor dependence of the pre-explosion neutrino emission in core-collapse supernovae [1].

We also make references to Le Tiec's paper on the periastron advance in spinning black hole binaries [2].

References

- [1] E. O'Connor and C. D. Ott. The Progenitor Dependence of the Pre-explosion Neutrino Emission in Core-collapse Supernovae. *Astrophys. J.*, 762:126, 2013.
- [2] A. Le Tiec, A. Buonanno, A. H. Mroué, H. P. Pfeiffer, D. A. Hemberger, G. Lovelace, L. E. Kidder, M. A. Scheel, B. Szilágyi, N. W. Taylor, and S. A. Teukolsky. Periastron advance in spinning black hole binaries: Gravitational self-force from numerical relativity. *Phys. Rev. D.*, 88(12):124027, December 2013.