

## Ay190 – Worksheet XX

Your Name

Date: January 11, 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]. One paper we are not referencing is Piro and Ott's paper on the propeller mechanism [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] Anthony L. Piro and Christian D. Ott. Supernova Fallback onto Magnetars and Propeller-Powered Supernovae. *Astrophys. J.*, 736:108, 2011.