

Ay190 – Worksheet 1
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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 are also referencing the Barenfeld *et al.* paper on the chemical heterogeneity of the AB Dor moving group [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] S. A. Barenfeld, E. J. Bubar, E. E. Mamajek, and P. A. Young. A Kine-chemical Investigation of the AB Dor Moving Group "Stream". *Astrophys. J.*, 766:6, March 2013.