Ay190 – Worksheet 01

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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].

Another paper comes from a program called Robo-AO, the project I worked with the past summer. The paper talks about using the Robo-AO system to take images of several Kepler exoplanet candidates [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] N. M. Law, T. Morton, C. Baranec, R. Riddle, G. Ravichandran, C. Ziegler, J. A. Johnson, S. P. Tendulkar, K. Bui, M. P. Burse, H. K. Das, R. G. Dekany, S. Kulkarni, S. Punnadi, and A. N. Ramaprakash. Robotic Laser-Adaptive-Optics Imaging of 715 Kepler Exoplanet Candidates using Robo-AO. *ArXiv e-prints*, December 2013.