

Core References for Presentations in Astro 541 - Fall 2009

1. Theories for the Phillips Relation for Type Ia Supernovae

Each reference is preceded by a three-character string. The first two characters refer to a slide number, while the following letter grades the importance of the reference for understanding the contents of the corresponding slide, with “A” being the highest possible grade. As an example, “03A” means that the reference that follows is the first one you should read if you want to strengthen your understanding of the contents of the third slide of the talk. “03B” is the second most important for that slide, etc. Because of this scheme, some references appear several times in the list, as they might explain points made on several slides. A total of twelve unique references are provided below.

REFERENCES

- 01A – Phillips, M. M. 1993, ApJ, 413, L105
- 03A – Phillips, M. M. 1993, ApJ, 413, L105
- 03B – Phillips, M. M., Lira, P., Suntzeff, N. B., Schommer, R. A., Hamuy, M., & Maza, J. 1999, AJ, 118, 1766
- 04A – Knop, R. A., et al. 2003, ApJ, 598, 102
- 04B – Kessler, R., et al. 2009, ApJS, 185, 32
- 05A – Kessler, R., et al. 2009, ApJS, 185, 32
- 05B – Riess, A. G., Press, W. H., & Kirshner, R. P. 1996, ApJ, 473, 88
- 06A – Höflich, P. 2006, Nucl. Phys. A, 777, 579
- 06B – Kasen, D., & Woosley, S. E. 2007, ApJ, 656, 661
- 07A – Woosley, S. E., Kasen, D., Blinnikov, S., & Sorokina, E. 2007, ApJ, 662, 487
- 07B – Arnett, W. D. 1982, ApJ, 253, 785
- 08A – Höflich, P., Khokhlov, A., Wheeler, J. C., Phillips, M. M., Suntzeff, N. B., & Hamuy, M. 1996, ApJ, 472, L81

08B – Pinto, P. A., & Eastman, R. G. 2001, *New Astron.*, 6, 307

08C – Mazzali, P. A., Röpke, F. K., Benetti, S., & Hillebrandt, W. 2007, *Science*, 315, 825

09A – Woosley, S. E., Kasen, D., Blinnikov, S., & Sorokina, E. 2007, *ApJ*, 662, 487

End – Kasen, D., & Woosley, S. E. 2007, *ApJ*, 656, 661