

ASTR 5460, Fall 2009: Homework 1

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Assigned Thursday 27 Aug 2009, due Tuesday 8 Sep 2009

Please read the website courtesy of John Huchra giving some history regarding the Hubble Constant: <http://cfa-www.harvard.edu/huchra/hubble/>. Also read the original paper by Hubble (1929). Your assignment, in addition to this reading, is to plot your own Hubble diagram and measure a Hubble constant. I don't care how you do this as long as you make a good effort and your write-up to accompany your plot explains what you did, how, and why. The goal is not to get the right answer, but to develop some independent research skills looking up astronomical values and exercising your own judgment. It will also let me gauge your current skill set and style. Put a reasonable effort into this, but don't shoot for perfection. I suggest that NASA ADS, NED, LaTeX, and SuperMongo may be useful. I'll provide suggestions, but I won't tell you how to do this. Good luck!