Reference Resouce List for Ay 192

Principles of Astronomical Measurement

J. Huchra and I. Shapiro

This list of books is meant to be a *resource list* for when you are seeking additional information or alternative explanations of material covered in the course. Books marked with a "*****" are particularly interesting reading, books marked with a "**U**" are particularly *useful* - and you might wish to consider purchasing them if you are going to do work in the field. Books marked with an "**R**" are recommended but not required texts.

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Blackman, R. and Tukey, J. 1958, *The Measurement of Power Spectra*, (New York: Dover).

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Christiansen, W. and Hogbom, J. 1987, *Radio Telescopes*, Second Edition (Cambridge: Cambridge). *****

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Cox, A. N. ed. 2000, *Allen's Astrophysical Quantities*, (New York: AIP/Springer Verlag).

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Fenn, R. W., ed., *Atmospheric Transmission*, proceedings of SPIE Vol. 277.

Fortescue, P. & Stark, J. 1995, *Spacecraft System Engineering*, (New York: Wiley).

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Roach, F. E. and Gordon, J. L. 1973, *The Light of the Night Sky*, (Dordrecht: Reidel). *****

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Useful Review Articles:

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Connes, P. 1970, Ann.Rev.A.and Ap. 8, 209. FTS Spectroscopy

Roggermann, M., Welsh, B. and Fugate, R. 1997, Rev. Mod. Phys. 69, 437. Improving the Resolution of Ground Based Telescopes

Vaughn, A. 1967, Ann. Rev A. and Ap. 5, 139. Fabry-Perot Spectroscopy