

Ast 25 week 4a: Useful readings/Homework #05

Basic astronomy texts provide useful treatments of galactic astronomy.

Wikipedia readings (don't delve too deeply)

Milky Way

http://en.wikipedia.org/wiki/Milky_Way

21 cm radiation

http://en.wikipedia.org/wiki/21_cm_radiation

The galactic core

http://en.wikipedia.org/wiki/Galactic_Center

Sag A*

http://en.wikipedia.org/wiki/Sag_A*

Andromeda Galaxy

http://en.wikipedia.org/wiki/Andromeda_galaxy

M87

http://en.wikipedia.org/wiki/Messier_87

Homework #05 (5 pts):

Write a short essay (300-400+ words) describing the structure of our Milky Way Galaxy. Incorporate, where appropriate, definitions/explanations of all the following key words. Provide at least two references you used in your work.

Disk component

Spheroidal Component

Populations I, II

ISM

Spiral arms

Density Wave

Halo

Disk

Bulge

Bar

Nucleus

Sag A*