both cause stars to move against the fixed background of the right sky.

with several epochs of observations it is possible to tell the diff

6/10 them \_ a star exhibiting proper motion will move

uniformly in one direction across the sky

— one displaying parallax will return to its original position after one year of observations tracing out elliptical path on sky.

Howery, breaking this degeneracy is not always simple - all stars substit both at some level - it can take several epochs to separate the two due to esperimental uncertainties.

M2 = Men + Msec Vt = MD. Vt transverse vel

Parallass
apporent sun

position of

stor duo to

orbital anotion of

Earth around fun

(as tronomy, swin, edu, au/cosmos/P/Propert

to get rid of porallow overs.

to get rid of porallow overs.

why done we measure fobserve

why done we measure fobserve

the star from the same position

in the orbit? - annual olss?

everytime