

Particle Physics and Cosmology: Experiment 2

Observing An Asteroid

Aim: to take at least two photographs of a star field containing an asteroid and show that the asteroid moved in between the two exposures. The magnitude of the asteroid should also be estimated.

Method

1. Obtain the position of a suitable asteroid.
2. Devise an observing plan: time, site, people. **As this experiment requires work to be done in the dark, a safe observing plan must be produced before equipment will be allocated.**
3. Using a 4 1/2 inch telescope and piggyback SLR camera, take at least two photographs of the asteroid on different evenings.