

## PROBLEMS ?

SPHERICAL ABERRATION, COMA  
SOLUTIONS? PARABOLAS, SCHMIDT PLATES

## TYPES OF REFLECTING TELESCOPES

- (1) NEWTONIAN
- (2) CASSEGRAIN
- (3) COUDÉ
- (4) SCHMIDT - CASSEGRAIN

LIGHT - GATHERING POWER  $\propto$  Area

RESOLUTION  $\propto$  diameter

"SEEING" - NOT JUST CLEAR VIEW  
"STILL" SKY

TWINKLING - SCINTILLATION  
TURBULENCE IN ATMOSPHERE

DETECTORS - EYE, PHOTOGRAPHY  
PHOTOELECTRIC DETECTORS  
CCD'S  
SPECTROGRAPHS (SPECTROMETER)  
PHOTOMETERS