

1st
law

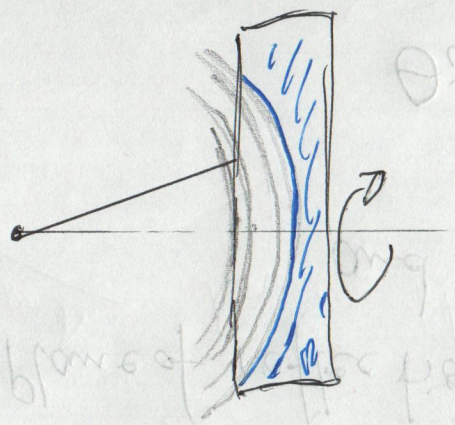
Plane of reflection contains the incident ray, the reflected ray, and the normal.

2nd

$$\theta_i = \theta_r$$

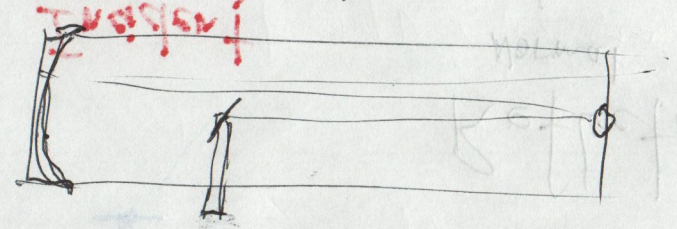
Spherical Mirrors are Common
(less so today)

Easy manufacturing Techniques.



Computer driven machinery has
made other ^{shapes} easier to make, ~~other shapes~~.
Including parabolic mirrors.

IB project
Make a telescope.

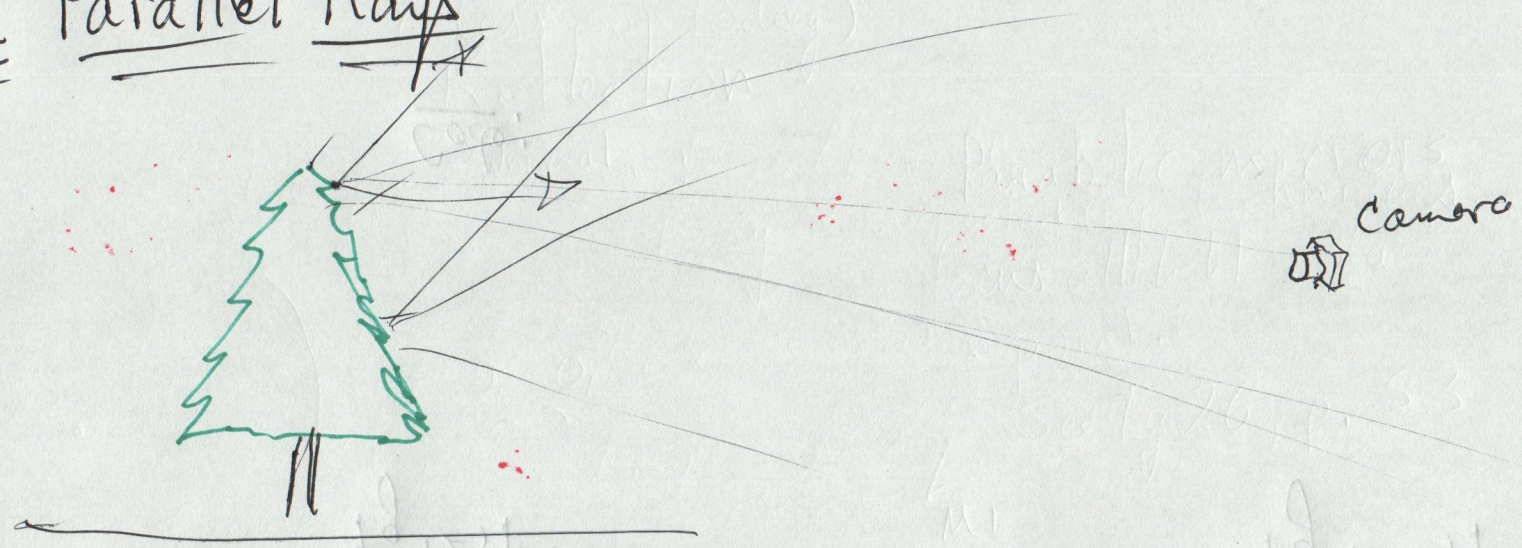


\$500

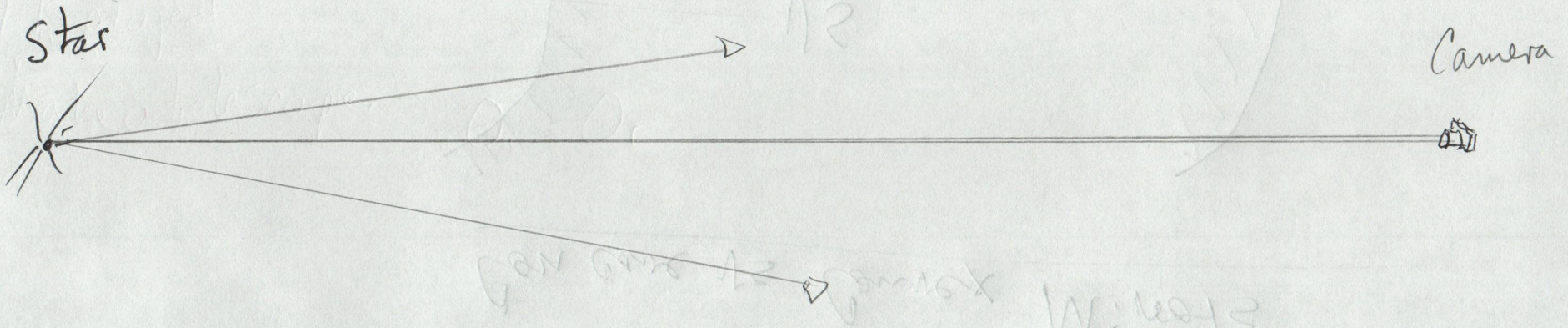
Parabolic mirrors
focus all light to a
point.

See Fig 26, p. 53

Non Parallel Rays



Far Objects
⇒ Parallel Incident Rays



Concave vs Convex Mirrors

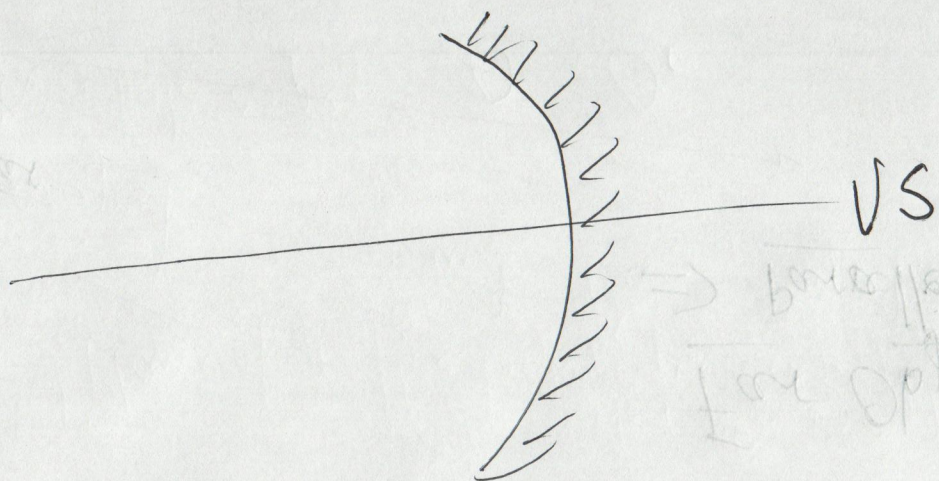


Fig 12, p 49

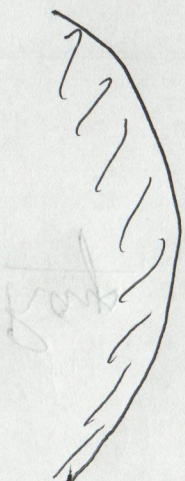


Fig 23, p 52



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