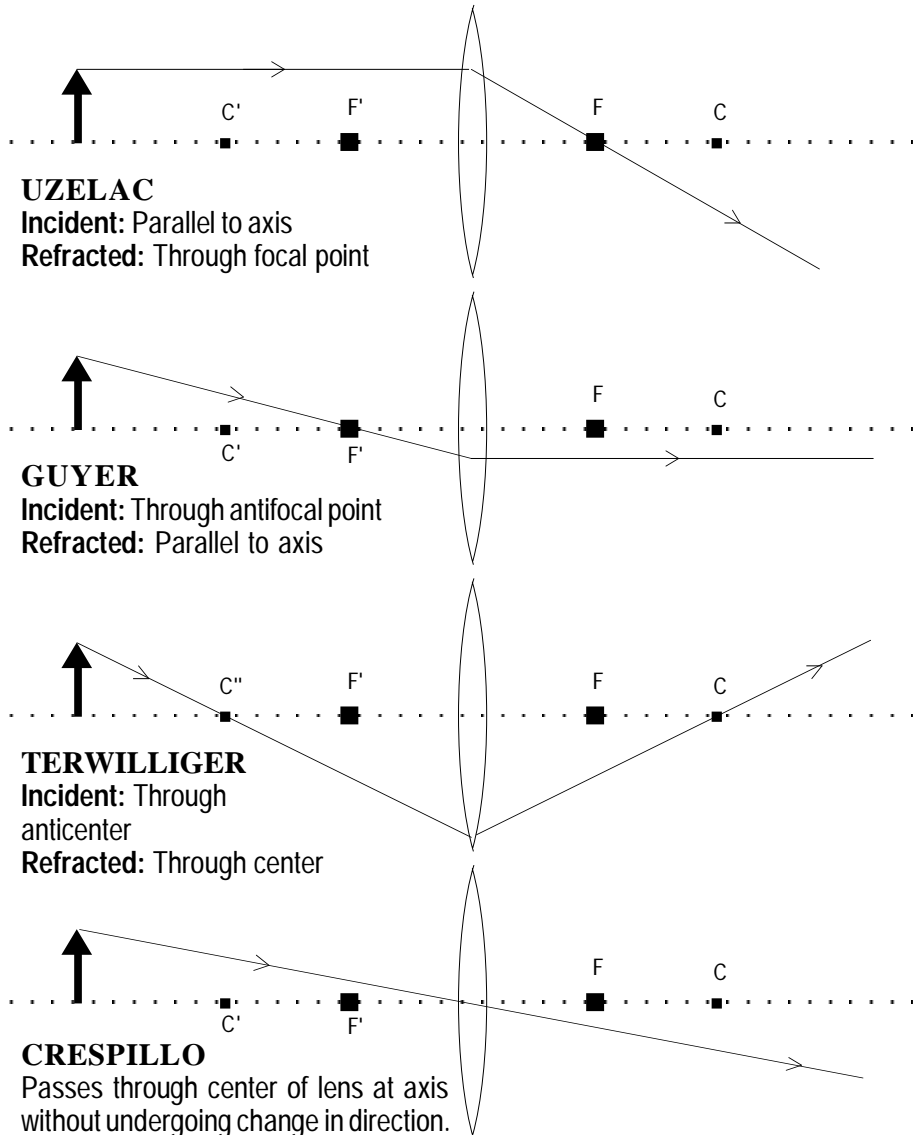
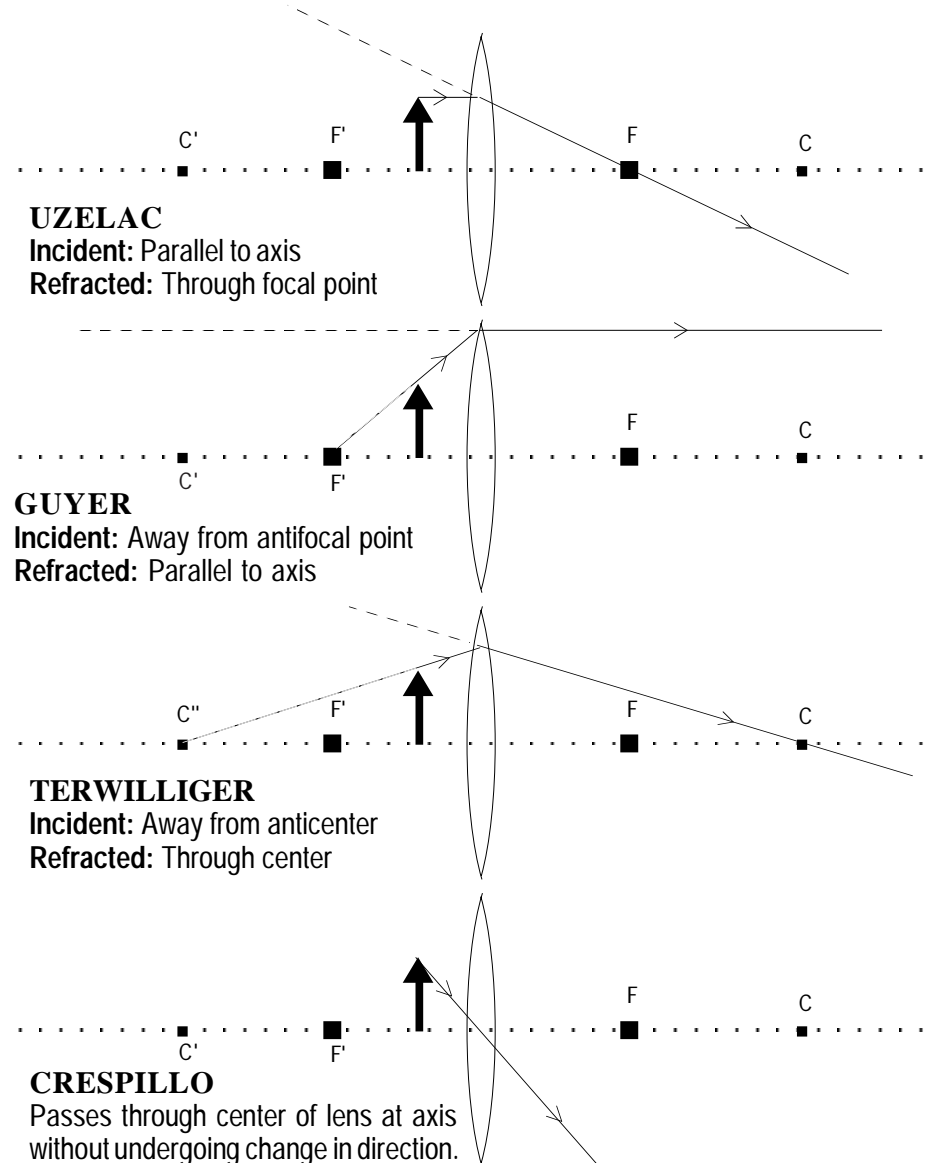


PRINCIPAL RAYS FOR LENSES

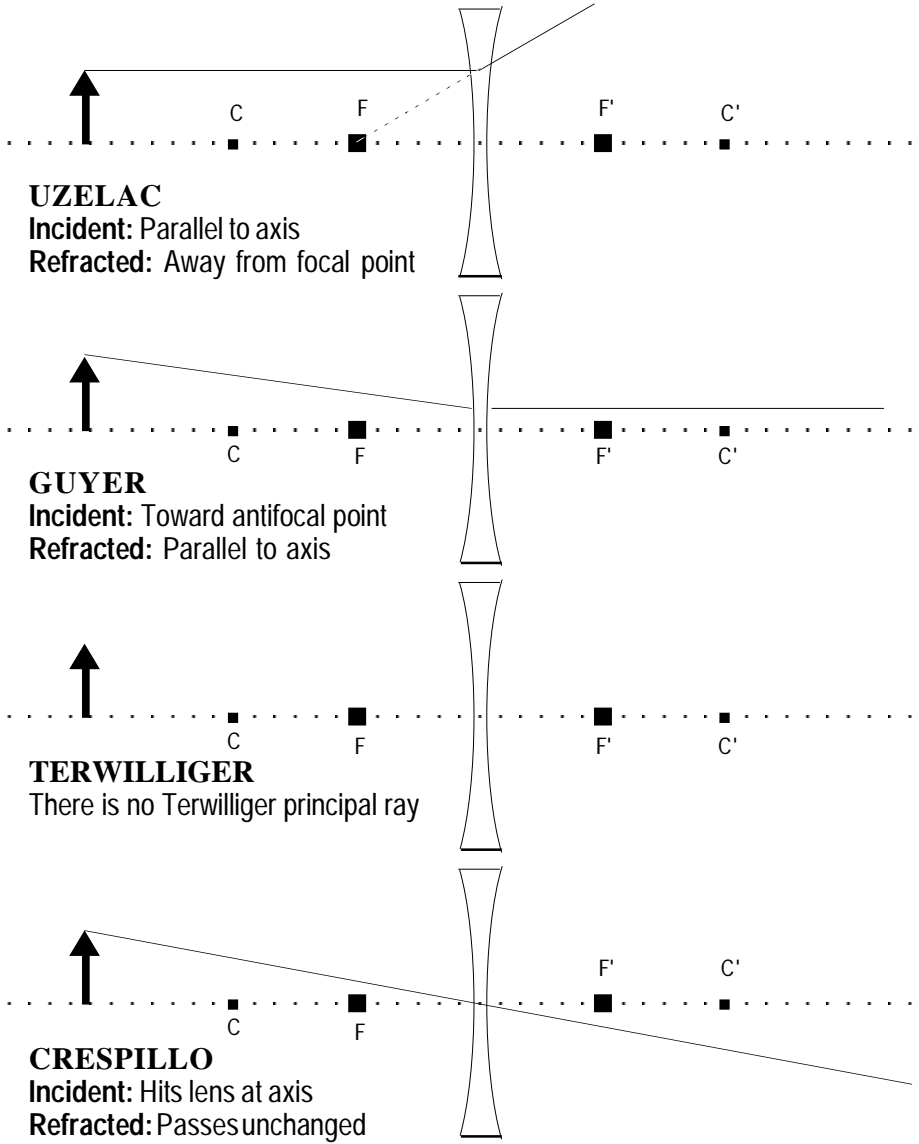
I. A Converging Lens and a DISTANT Object



I. A Converging Lens and a NEARBY Object



The Diverging Lens



UZELAC
 Incident: Parallel to axis
 Refracted: Away from focal point

GUYER
 Incident: Toward antifocal point
 Refracted: Parallel to axis

TERWILLIGER
 There is no Terwilliger principal ray

CRESPILO
 Incident: Hits lens at axis
 Refracted: Passes unchanged