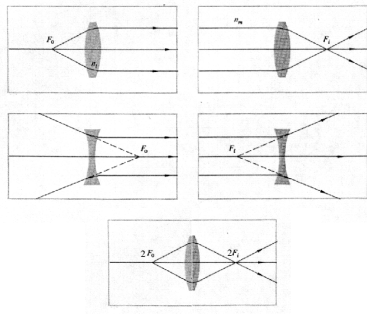
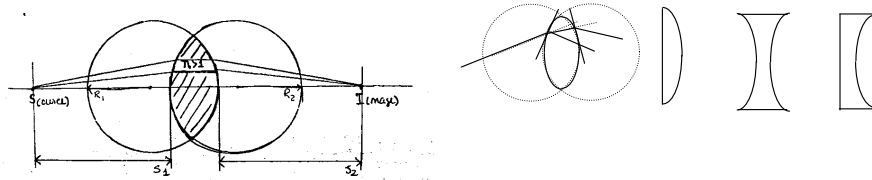


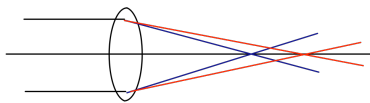
# Optics

Which devices will direct light beams a source to other instrument components?

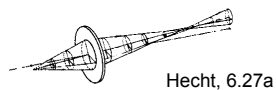
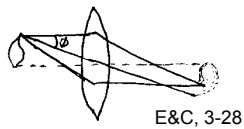
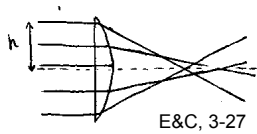


$S_o$	$S_i$

# Optical Aberrations



Causes	

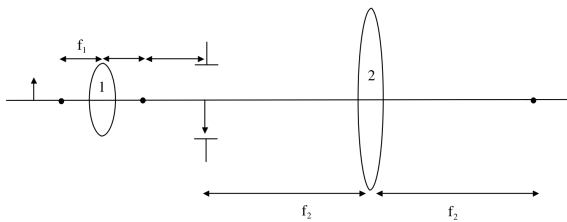


Solutions	

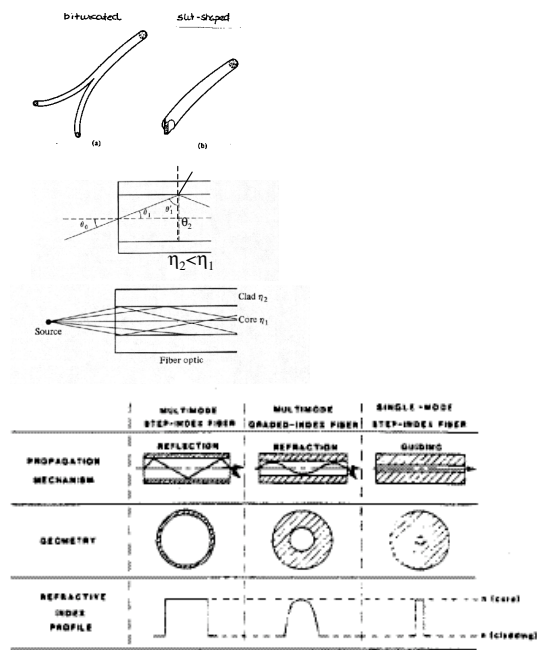
# Image Irradiance

The brightness of an image depends on

## Imaging Optics



# Fiber Optics



# Absorbance Filters

