Uranus up close

Image from Voyager 2, 1986
Size comparison, Uranus and Earth
Detection of light, a Charge-Coupled Device (CCD)
Quantum Efficiency: KAF-402ME CCD chip

[Graph showing Quantum Efficiency for ST-7XME, with wavelength in nm on the x-axis and % QE on the y-axis.]
Atmospheric transmission as function of wavelength
Design of a radio telescope
Radio Telescopes

Wavelength large (1cm – 1 meter typically) so D has to be **HUGE**
Radio Interferometers:

The ultimate in angular resolution