

PHYSICS 8.982 Spring '08
Astronomical Instrumentation

T·R 3–4 PM
Room 5-232

Instructor: P. Schechter, Room 37-664G, 3-0690, schech@mit

- Topics (not necessarily chronologically)
 1. Telescopes: optical, X-ray, radio ...
 2. Detectors: photodetectors, bolometers, receivers, ...
 3. Instrumentation: spectrometers, interferometers, polarimeters ...
 4. Signals, backgrounds and noise
- 8.982 Web page <http://web.mit.edu/8.982/www/>
- “**TEXT:**” Class notes for Astronomy 501 taught at the University of Pennsylvania by Gary Bernstein

Reserved:

Shroeder, D. *Astronomical Optics*

Wilson, R. N. *Reflecting Optical Telescopes I&II*