

EE 5345

Instructor: C. Davila

Medical Imaging

1. Problems 12.18, 12.20, 12.22, 12.23
2. Derive the formula for the pinhole camera image $I(x_d, y_d)$ on slide 289.
3. Derive the formula

$$w > D \left(1 + \frac{2z}{L} \right)$$

on slide 299 for the minimum hole separation in a parallel-hole collimator.