

ECEn 563
Numerical Methods

Homework #11
Due Feb. 23, 2026

1. Is the integral operator in Problem 6.1 easy or hard to discretize? Will the resulting moment matrix be well conditioned or poorly conditioned?
2. 6.2 [EFIE moment matrix diagonal element singular integration]
3. 6.3 [MoM for TM-EFIE]