

ECEn 563
Numerical Methods

Homework #9
Due Feb. 17, 2026

1. 5.3 [Accuracy orders for smooth integrand]
2. 5.4 [Accuracy orders for singular integrand]
3. 5.5 [Thinking about integrals]
4. 5.6 [Gauss-Legendre quadrature for integration on a sphere], 5.7 [Lanczos method for non-classical Gaussian quadrature rules], or 5.8 [Transformation rules]