

ChE515: Mathematical Methods in Chemical Engineering

Problem Set 5: Linear ODEs

Due Date: October 30, 2003

Problems 3.1, 3.5, 3.9, 3.10, 3.16, 3.17(a) and 3.22 from V&M

For 3.16, you may consider the following simplification: Use Dirichlet boundary conditions, i.e., $y(a) = y(b) = 0$.