Chatper 4

September 17, 2025

0.1

0.2   constructing a second solution from a Known solutions

Definition 0.1. *Reduction of Order.*

    Suppose y_1 is a sol'n to $a(x)y'' + a_1(x)y' + a_0(x)y = 0$. Assume $a_k(x)$ ots, a_2