

Some Special Functions in Physics

ODEs in Physics

The Exponential and Trigonometric Function

Exp

Log

Trigonometric Functions

The Bessel and Airy Functions

Bessel

Table of ODE Solutions

$\ddot{y} + b\dot{y} + y$ $t\ddot{y} + b\dot{y} + y$ $\ddot{y} + tb\dot{y} + y$ $\ddot{y} + b\dot{y} + ty$

Table 1: Columns indexed by
... .