

Expectation checklist

- Module 15

At the completion of this module, you should:

- Be able to find the general solution for 2nd-order Cauchy-Euler equations which stem from
 - two distinct real roots, or
 - one repeated root;
- Be able to solve some nonhomogeneous differential equations whose underlying homogeneous equation is a Cauchy-Euler equation via the utilization of the methods of this section along with variation of parameter.
- Know where reduction of order is utilized, even if we omit its steps.

Coming up next, we:

- Study the Laplace Transform!