

Expectation checklist - Module 7

At the completion of this module, you should:

- know the definitions introduced, and in particular
 - homogeneous function of degree α , and
 - 1st-order homogeneous differential equation;
- be able to determine if a function is homogeneous and of what degree;
- if given a 1st-order homogeneous differential equation, solve it using a substitution;
- be able to do this also for 1st order homogeneous differential equations expressed in differential form.

You will be assessed on your understanding of these concepts:

- within the homework,
- on the quizzes, and
- later, on the exam.

Coming up next, we:

- Higher order differential equations!