

Corrections & Modifications

This will be updated with the corrections and modifications

I.1 p.4 Lecture I: In Application ‘.....air resistance is proportional to the velocity’ has been replaced with ‘.....air resistance is proportional to the speed’

I.2 p.4 Lecture I: Implicit solution: $(xy - 1)y' + y^2 = 0$, has been replaced with $(xy + 1)y' + y^2 = 0$

II.1 p.1 Lecture II. The lineal elements at $(2, 1)$ has been drawn correctly in Figure 1.

V.1 p.1 Lecture V. Some errors in Thorem 1 and 2 are corrected.

V.2 p.3 Lecture V. Example 3 has been corrected.

V.2 p.3 Lecture V. Example 4 has been modified.

VI.1 p.3 Lecture VI. Figure 4 has been modified.

VII.1 p.1 Lecture VII. Definition 2 for Wronskian has been modified.

IX.1 p.1 Lecture IX. Section 1 has been modified.

XII.1 p.3 Lecture XII. Comment has been added after example.