

13. Taylor Series from Definition

- Determine the Taylor series of a function from the definition. (Section 11.10 Example 3, 7)

14. Manipulating Known Maclaurin Series

- Modify a standard Maclaurin series to represent a similar function. (Section 11.10 Example 6, 9)
- Integrate a Maclaurin series. (Section 11.10 Example 11)
- Multiply Maclaurin series. (Section 11.10 Example 13)

15. Taylor's Theorem

- Given the Taylor series of a function, determine the maximum possible error on its interval of convergence if only a few terms are used as an estimate. (Section 11.11 Example 1, 2)

16. Lines and Planes

- Determine the vector and parametric equations of a line from given information. (Section 12.5 Example 1, 2)
- Determine the vector and linear equations of a plane from given information. (Section 12.5 Example 4, 5)