

ASSIGNMENT 14 - TAYLOR SERIES

IS 605 FUNDAMENTALS OF COMPUTATIONAL MATHEMATICS - 2014

This week, we'll work out some Taylor Series expansions of popular functions.

- $f(x) = \frac{1}{(1-x)}$
- $f(x) = e^x$
- $f(x) = \ln(1+x)$

For each function, only consider its valid ranges as indicated in the notes when you are computing the Taylor Series expansion. Please submit your assignment as a R-Markdown document.