$\begin{array}{c} {\rm MATH~371\text{-}02~(192)} \\ {\rm MATLAB~\#~5} \\ {\rm Due~Mar.~24,~2020} \end{array}$

Write a MATLAB code to implement the Composite Simpson's Rule (Algorithm 4.1). Use it to approximate the following integral:

$$\int_3^5 \frac{1}{\sqrt{x^2 - 4}} dx$$

with n = 8