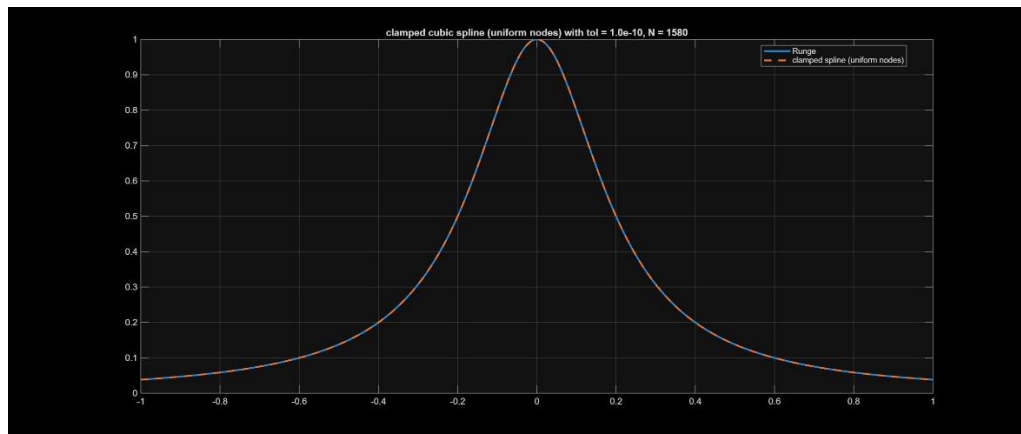


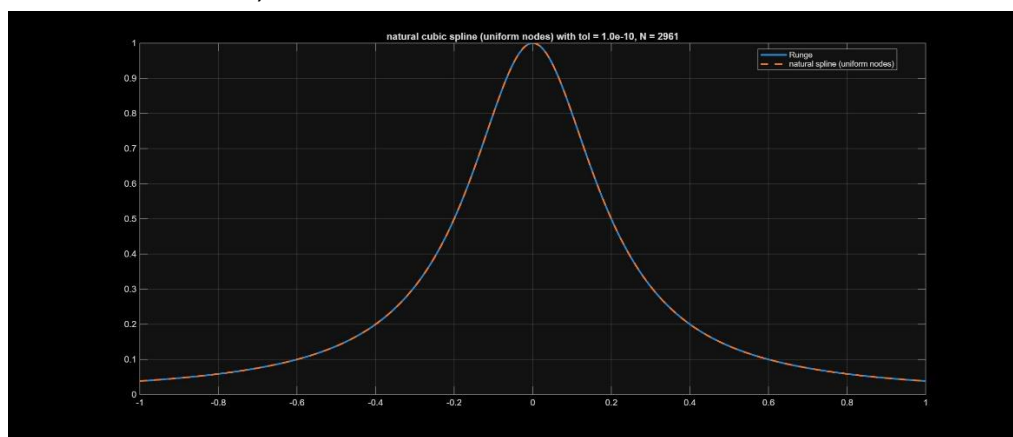
1. clamped spline (uniform nodes)

When  $N = 1580$ , the error =  $9.973533e-11$  and it is less than  $1e-10$



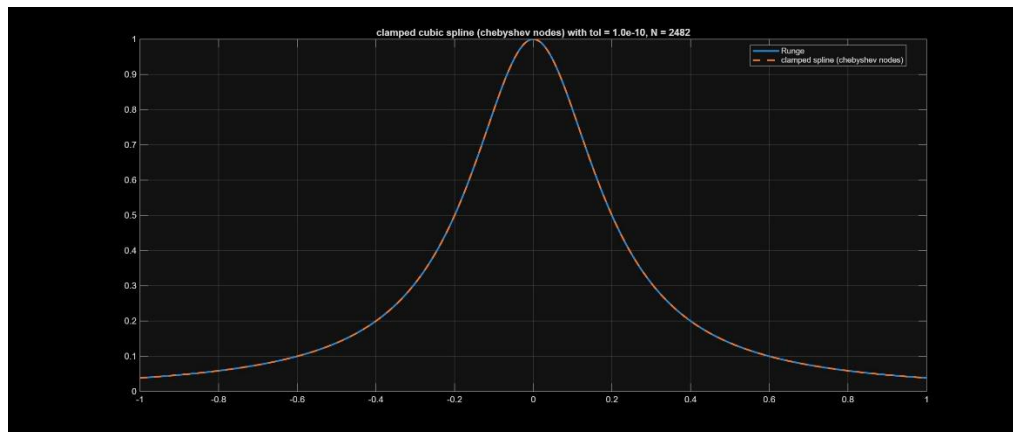
2. natural spline (uniform nodes)

When  $N = 2961$ , the error =  $9.888464e-11$  and it is less than  $1e-10$



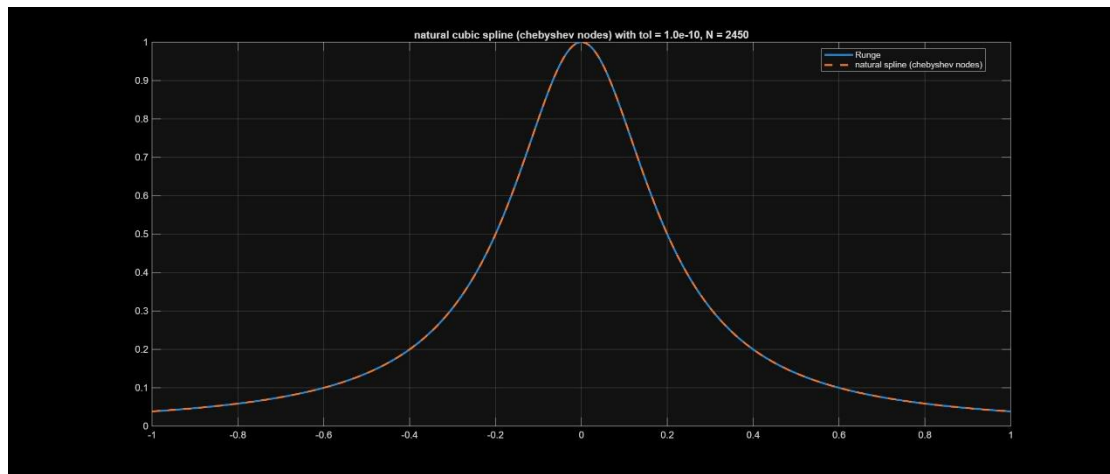
3. clamped spline (chebyshev nodes)

When  $N = 2482$ , the error =  $9.971124e-11$  and it is less than  $1e-10$

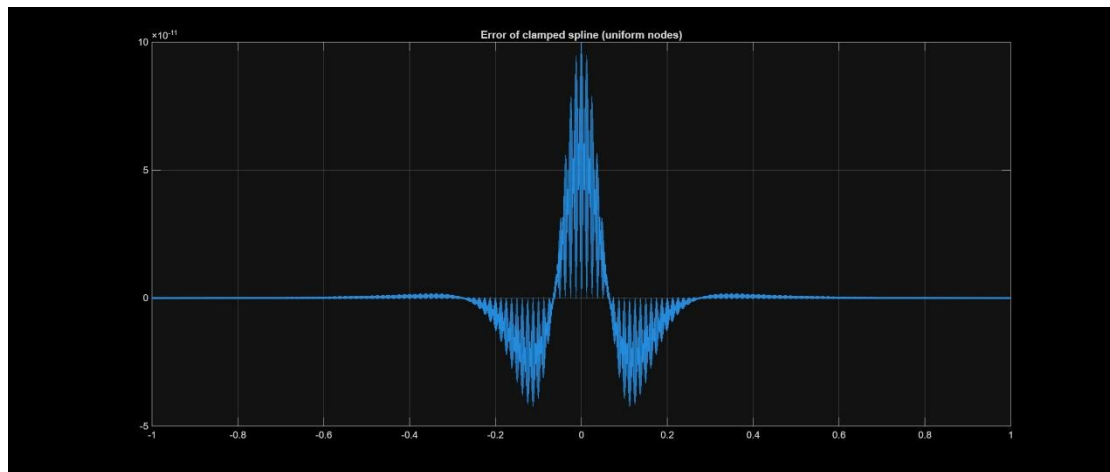


#### 4. natural spline (chebyshev nodes)

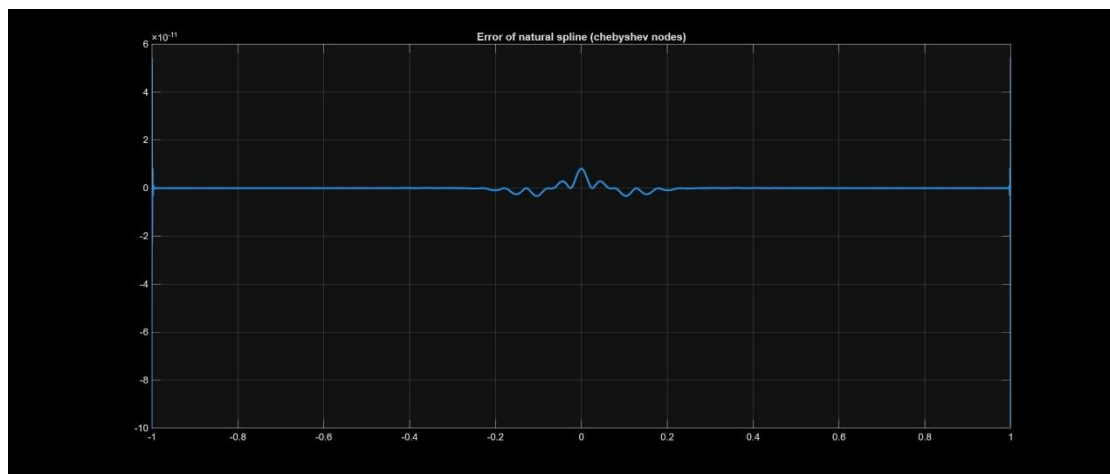
When  $N = 2450$ , the error =  $9.966894e-11$  and it is less than  $1e-10$



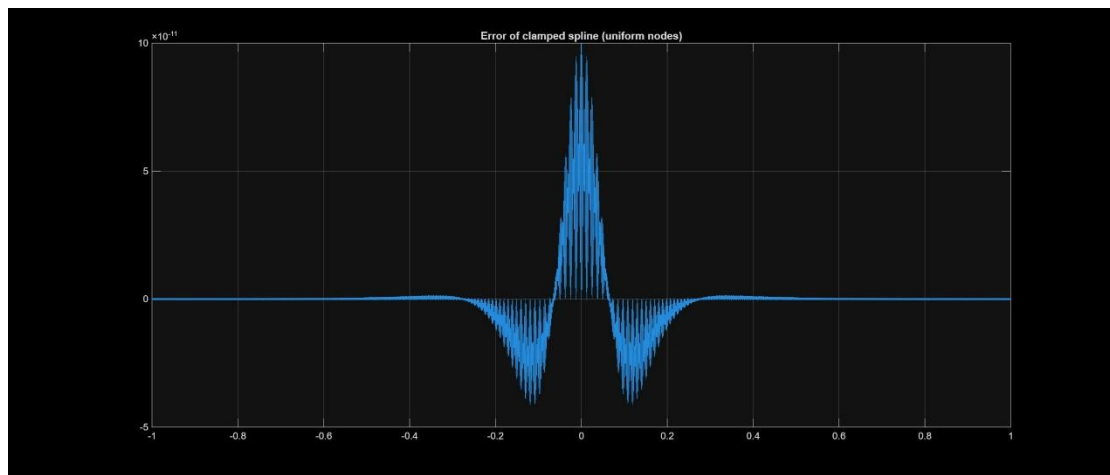
#### 5. The error of clamped spline (uniform nodes)



#### 6. The error of natural spline (uniform nodes)



### 7. The error of clamped spline (chebyshev nodes)



### 8. The error of natural spline (chebyshev nodes)

