One smallest scale div. along X axis = 0.1917 units
One smallest scale div. along Y axis = 0.04833 units

Absolute Error vs Number of Iterations plot for -x-cos(x)=0

Absolute Error (epsilon)

Initial Absolute Error

— Bisection Method
✳ Regula_Falsi Method
+ Newton_Raphson Method

5.8

4.8

3.9

2.9

1.9

Initial Absolute Error

1

Initial Absolute Error

0

Number of Iterations to obtain root

0   3.8   7.7   11.5   15.3   19.2   23

Number of Iterations (n)