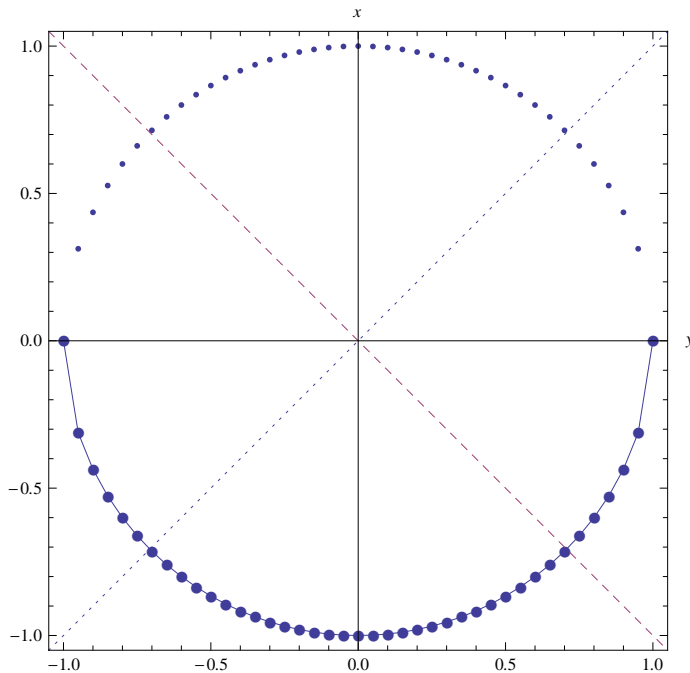

Assignment 0

Excercise: The graph as shown is produced using `Show[]`, `Plot` and `ListPlot`. The equation for a circle with unit radius is $x^2 + y^2 = 1$. Produce the graph.



Excercise: Use the stochastic method to evaluate the area of a gaussian with $\mu = 0$, $\sigma = 1$, for x in $[-0.5, 0.5]$.

Excercise: Find the root of $e^x = -x + 2$ using the bisection method.

Excercise: There are three roots in $x \sin x = -1.5x + 3$. Write a programme to find all of them.