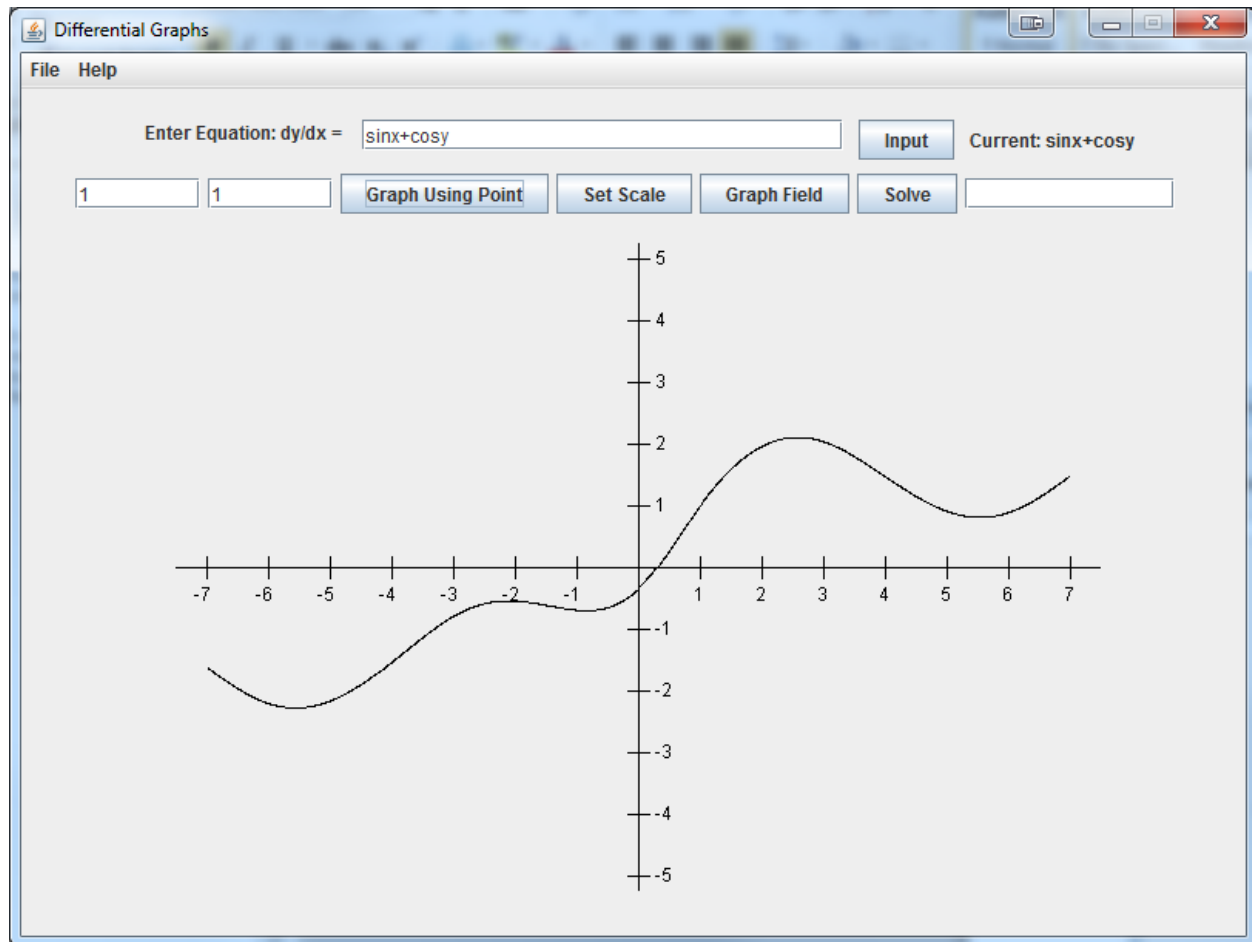


Differential Graphs Guide

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Enter Equation: Enter any equation in the text field, and hit input to store it.

-Automatic formatting.

-No multiplication symbol required between two numbers.

-NOTE: Most issues can be solved with brackets, e.g., $\sin(-x)$ or $(x^2)^{(1/3)}$.

-Supported Operations:

-Real Numbers

-Constants: e, pi

-Variables: x,y

-Operations: +, -, *, /, ^, ()

-Functions: sin, cos, tan, sinh, cosh, tanh, ln, log, sqrt, abs

x-value/y-value Fields: Enter x and y values here for the second set of buttons.

-Supports all operations excluding variables.

Graph Using Point: Enter a starting point in x/y value fields to graph the function.

-Graphing terminates when the slope exceeds $40 \cdot (\text{y-axis scale})$ to prevent bugs with infinities.

Set Scale: Enter the x-axis scale and y-axis scale in the fields, changes the scale.

Graph Field: Graphs the line field for this equation.

Solve: Enter a point in the x/y fields, will output the value of the equation at that point.