

# appleSTEMs

Science Technology Engineering Math  
Software for iOS and OSX

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March 16, 2015

# My iPhone\* is full of Math

- PocketCAS Pro

\* or any iOS or OSX device



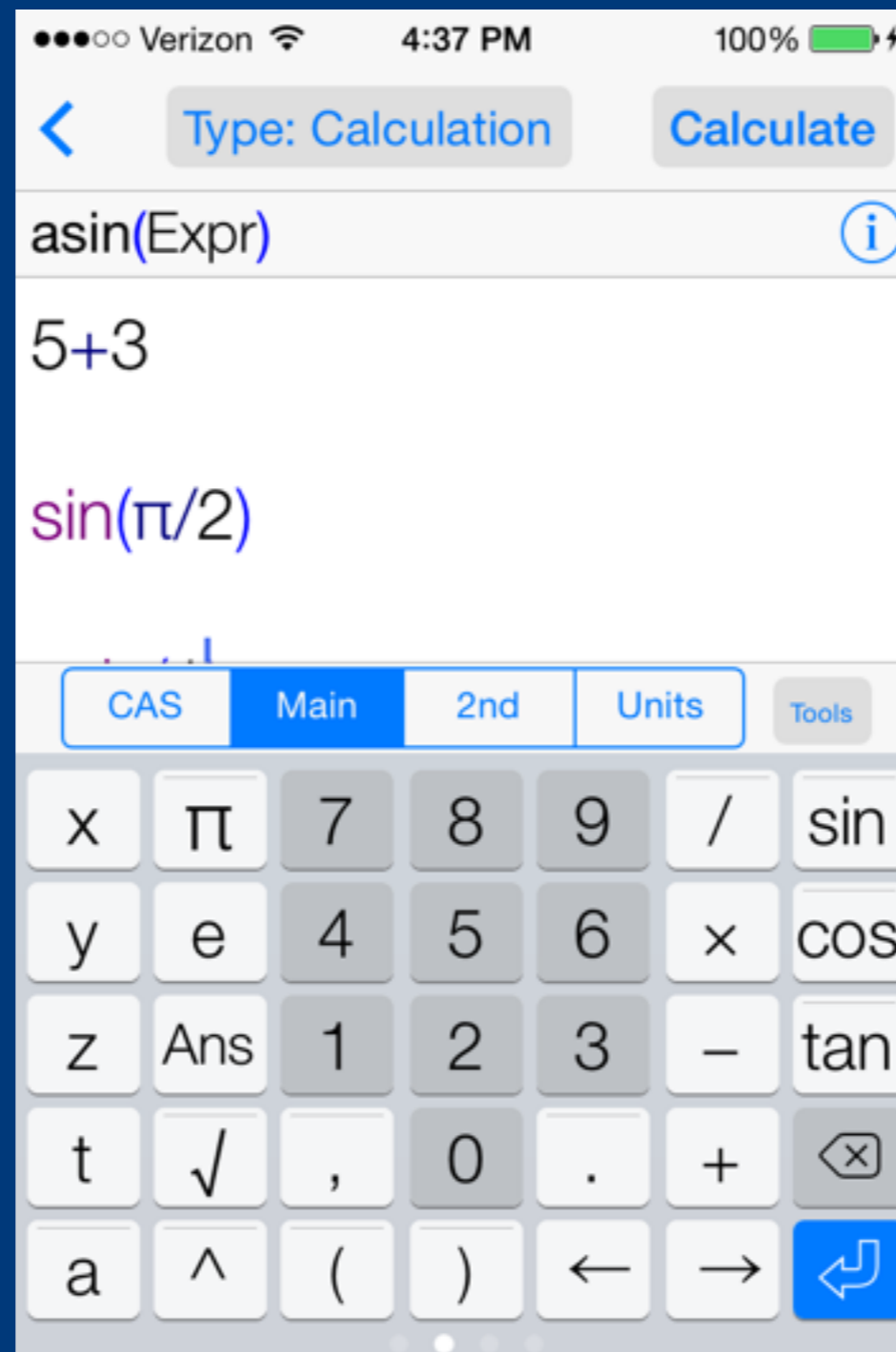
# PocketCAS Pro



- A math program that does way more than a calculator
  - Symbolic math (integrals and derivatives, etc)
  - Numerical calculations
  - Vectors, including integrals and derivatives
  - Matrices, including products, inverse, determinants, eigenvalues
  - 2D and 3D plots, zoomable and rotatable, including animated plots
  - Programmable including logical branching
  - Calculations contained in documents that can include pictures and can be exported as PDFs
- Works on iOS and OSX and can share calculations between devices
- Does not require an internet connection
  
- iPhone, iPad, iPod Touch or OSX
- iOS 7.0 or later
- 26.8 MB (8.7 MB OSX)
- \$9.99

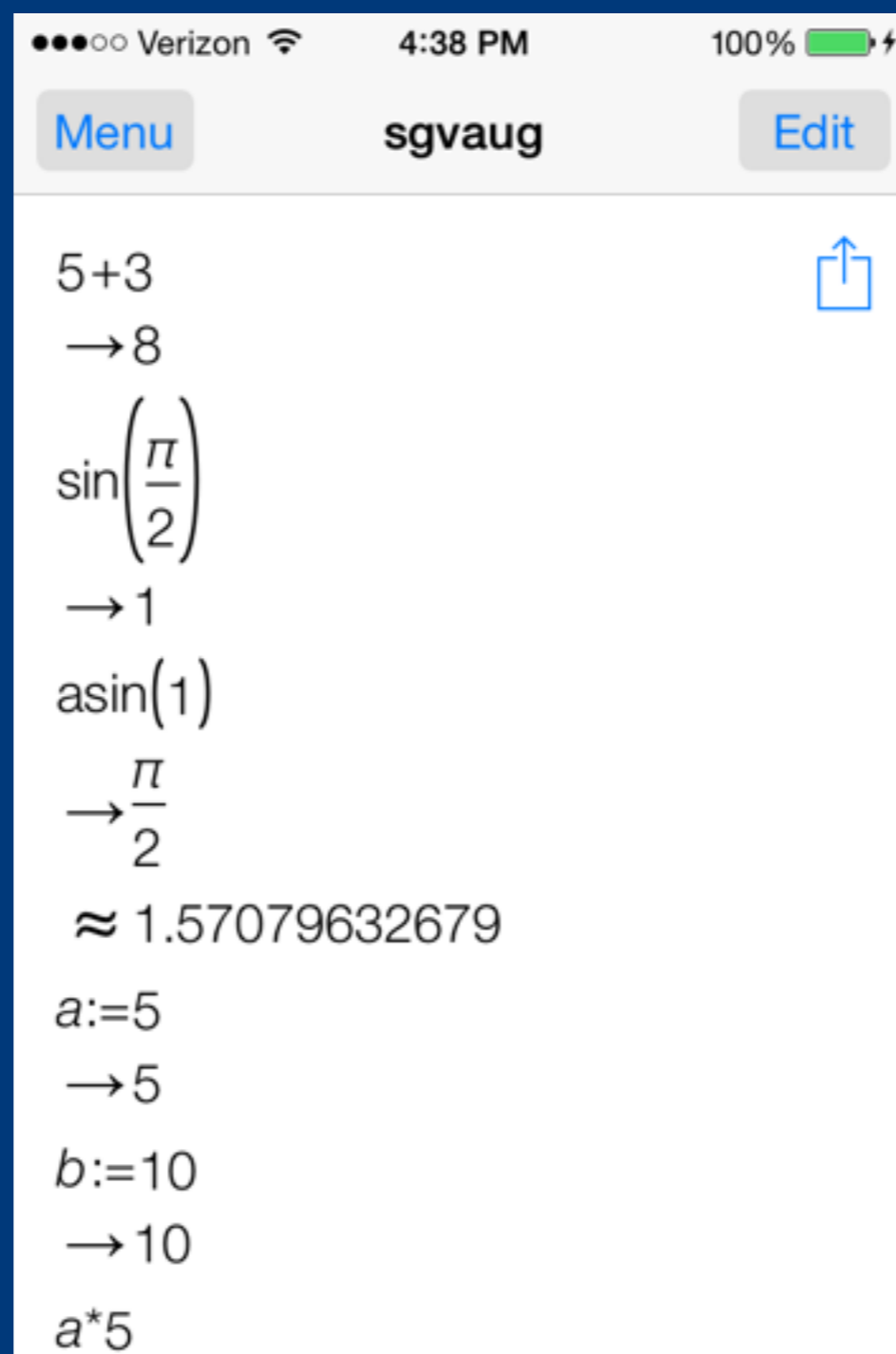


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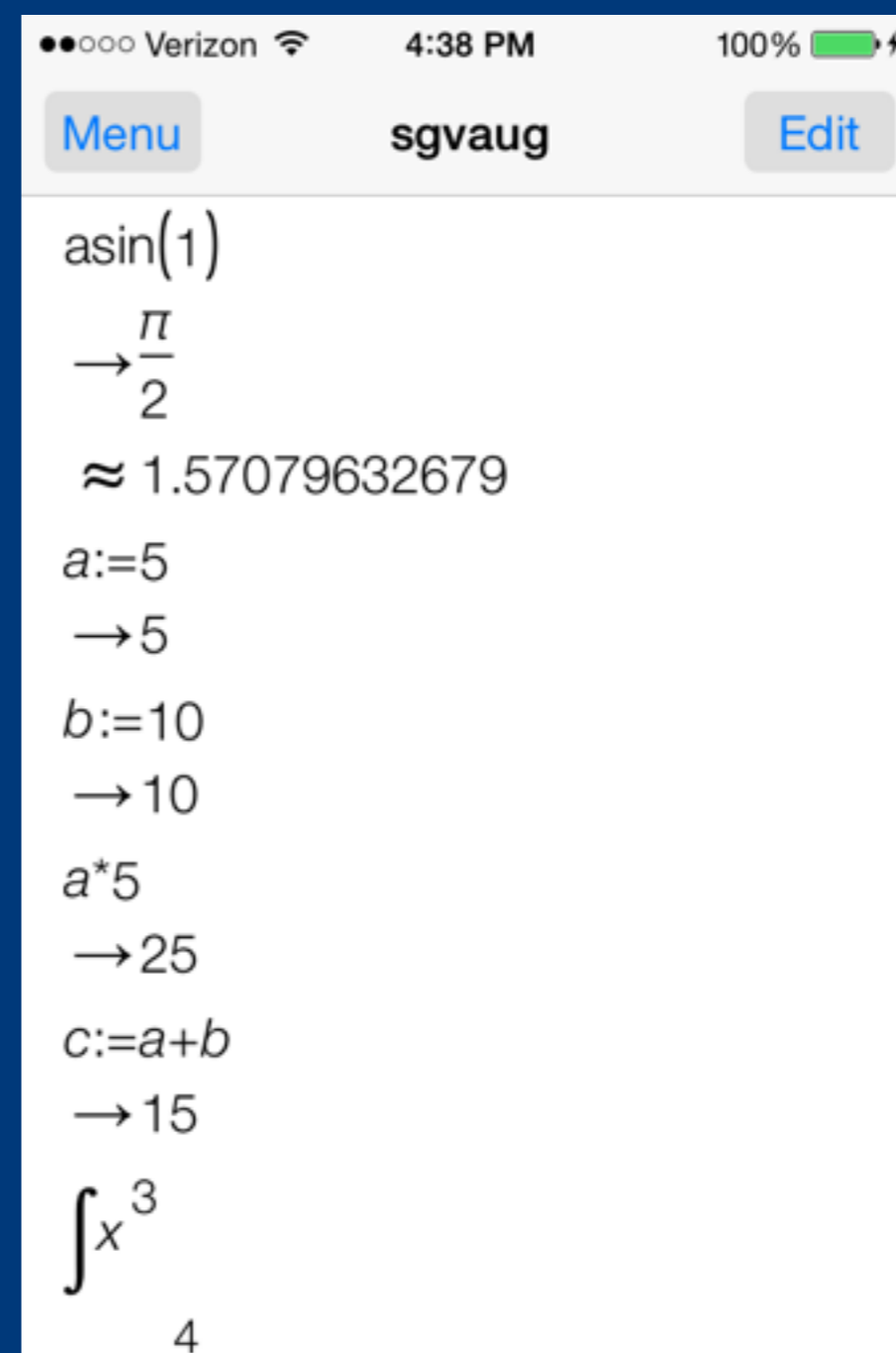
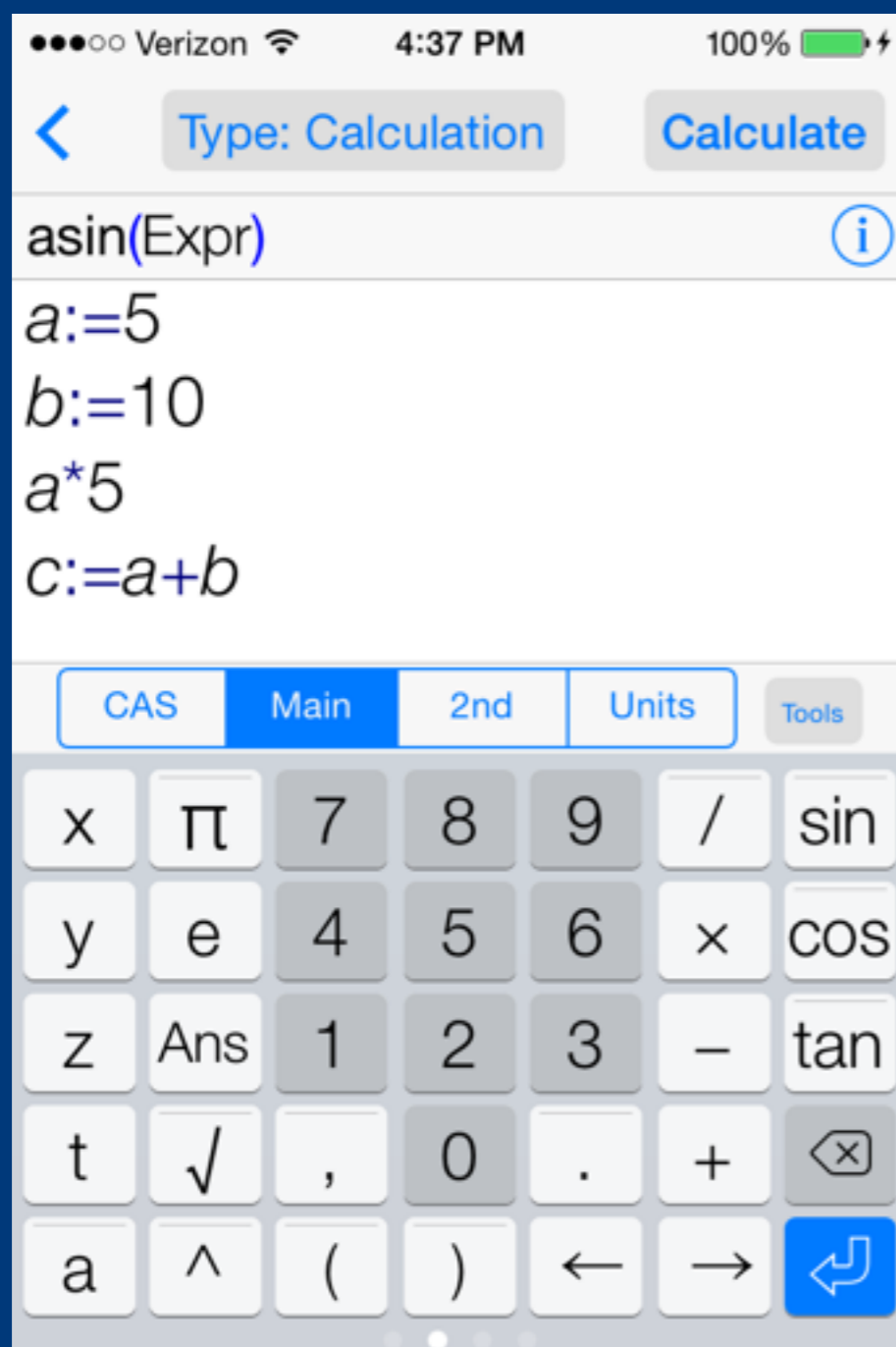


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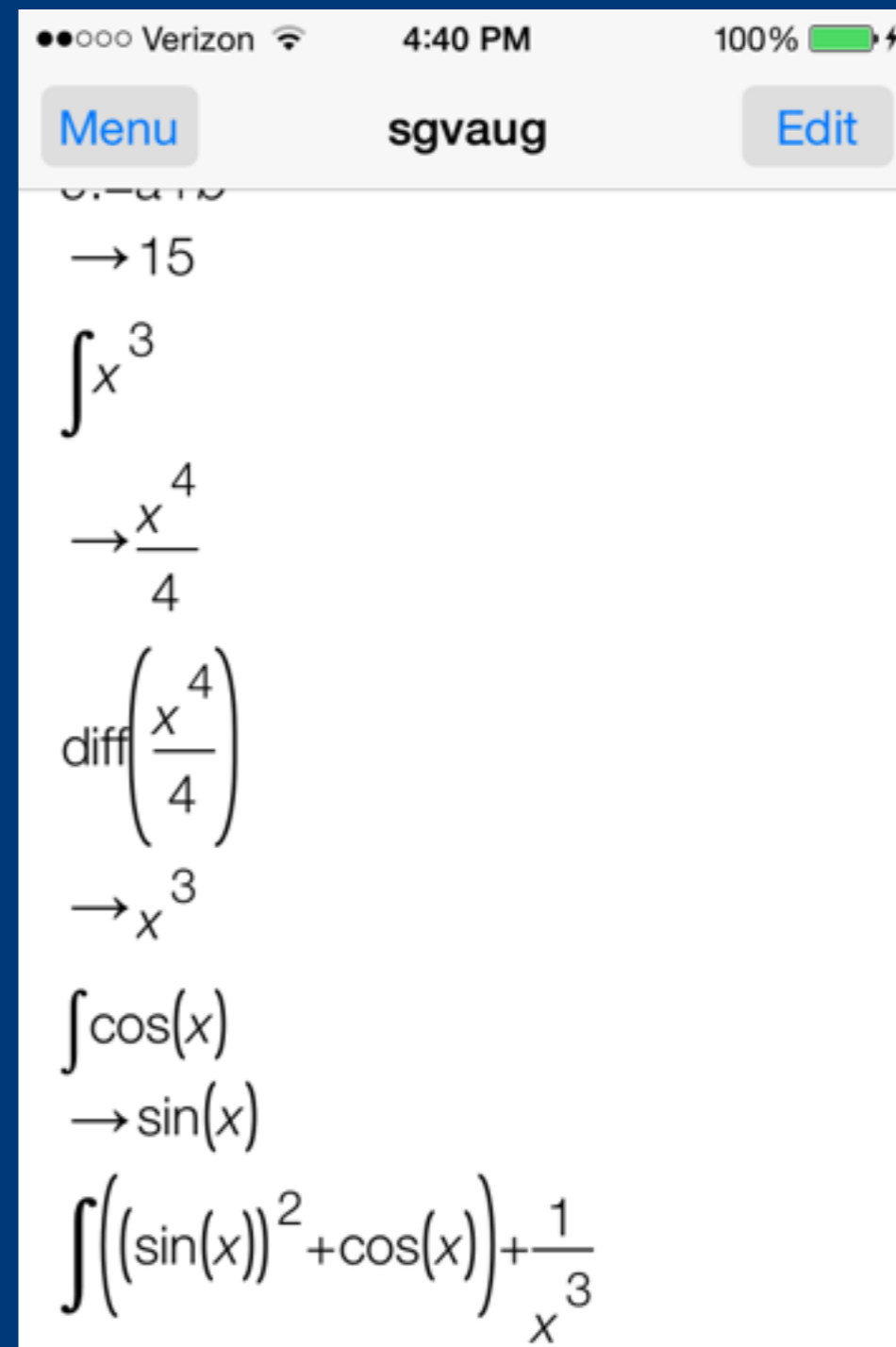
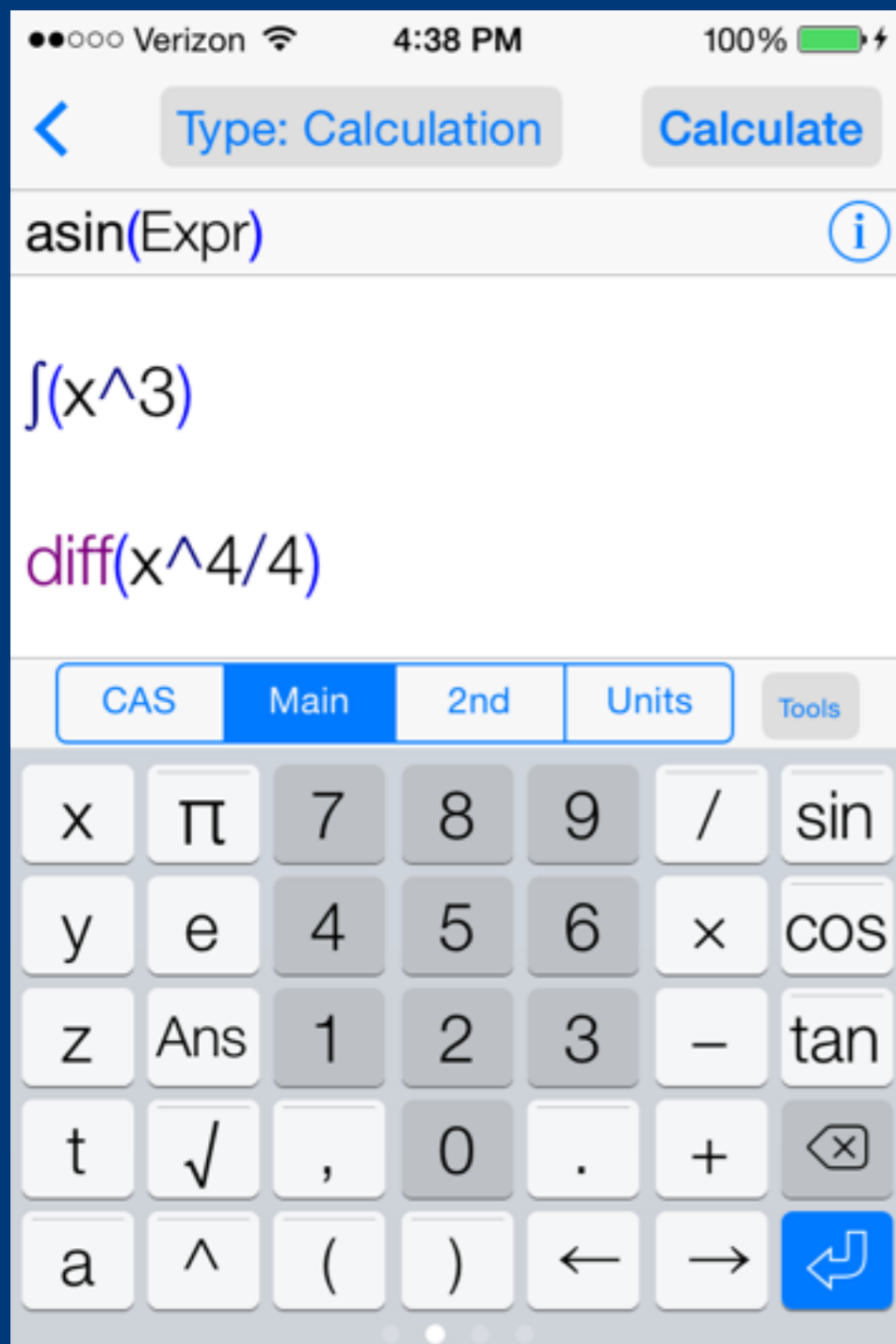


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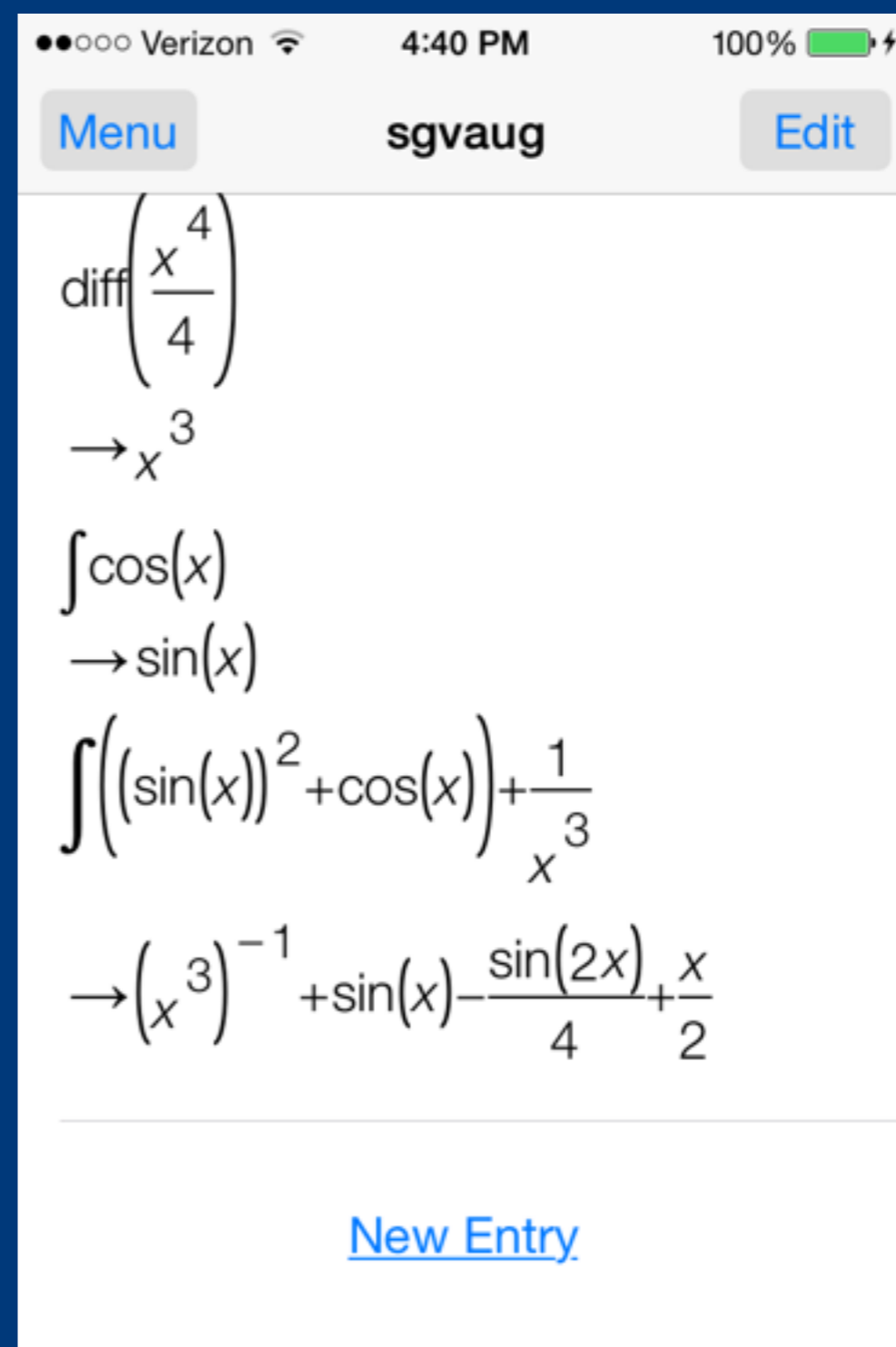
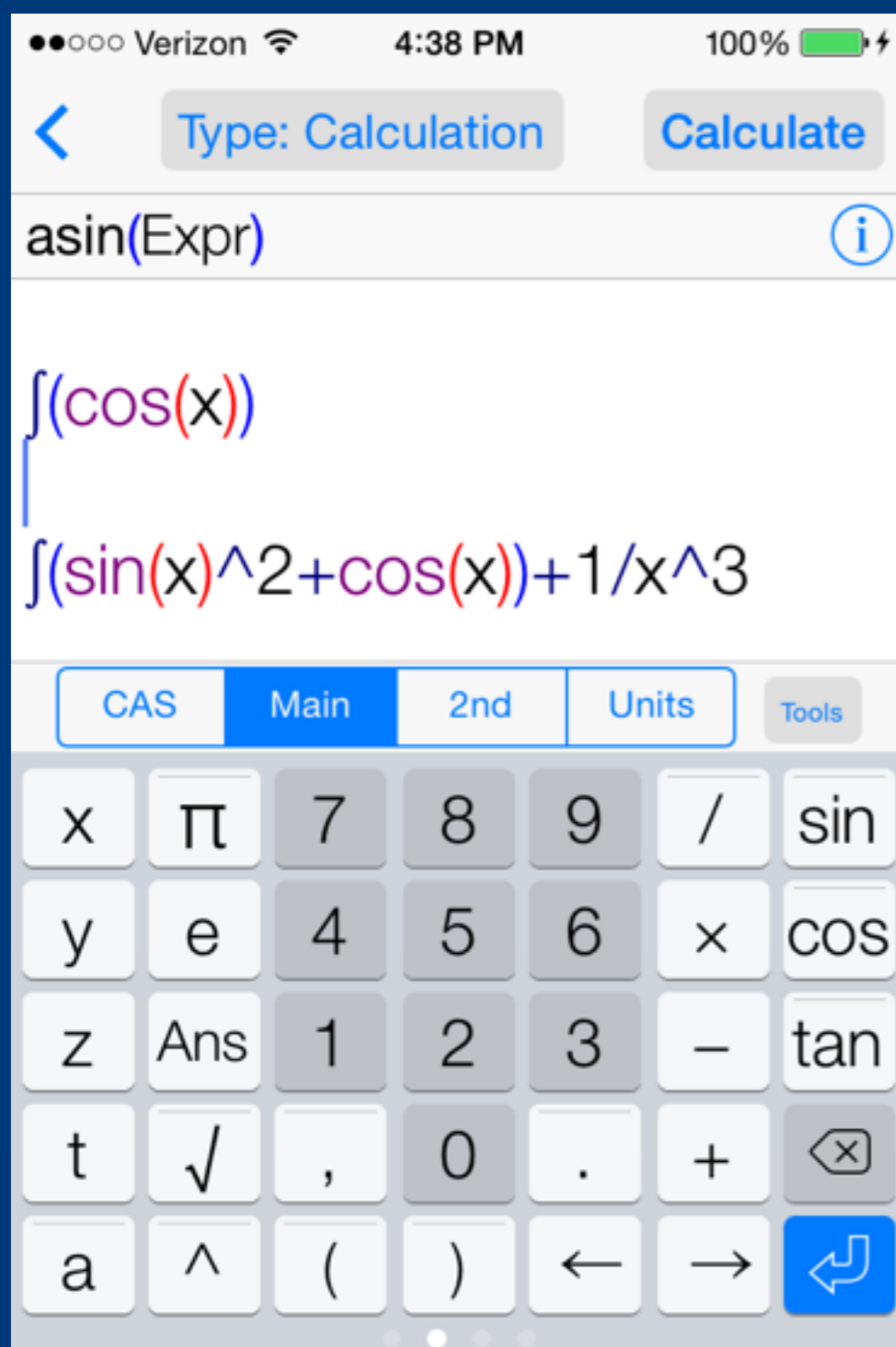


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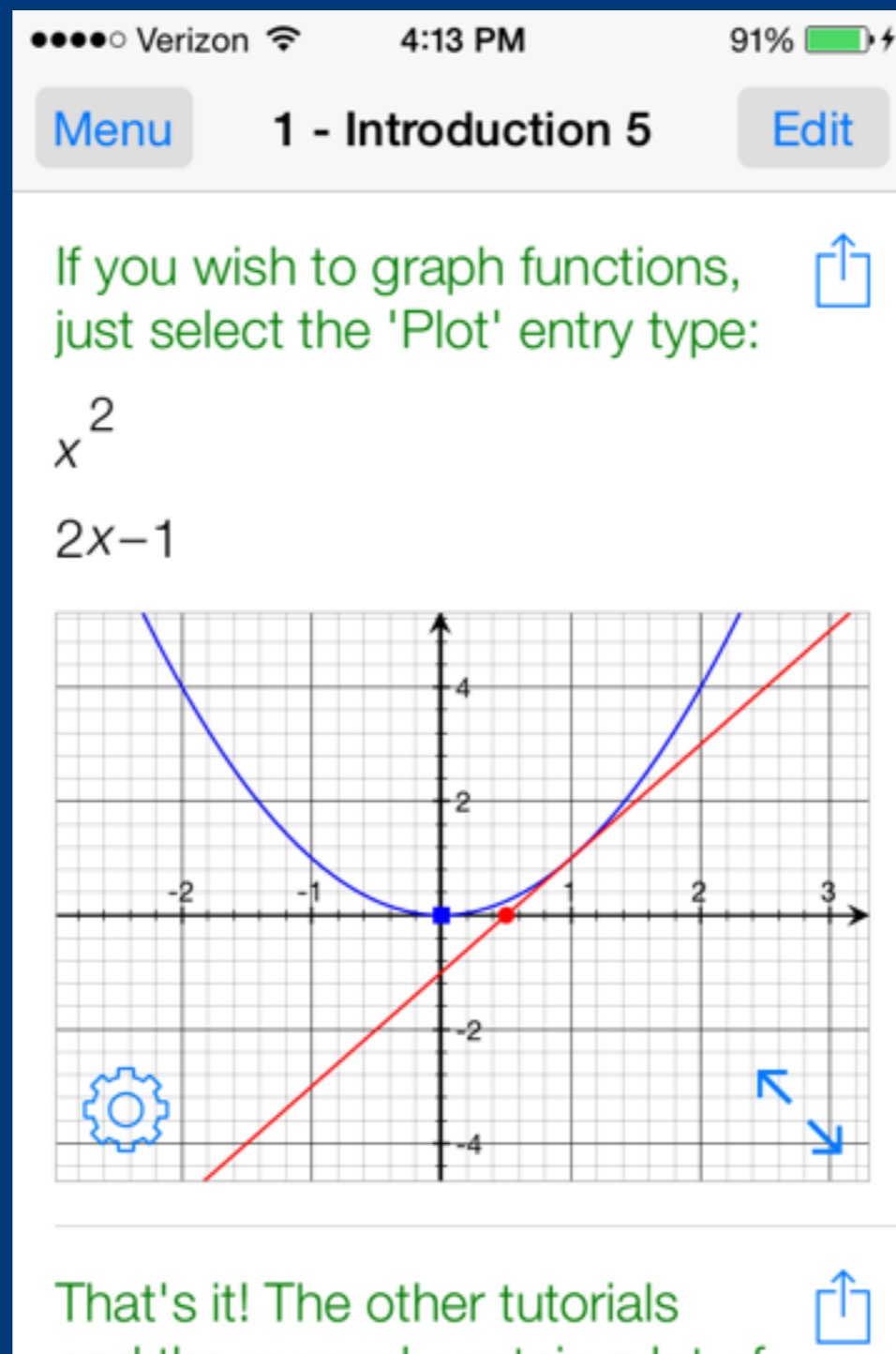


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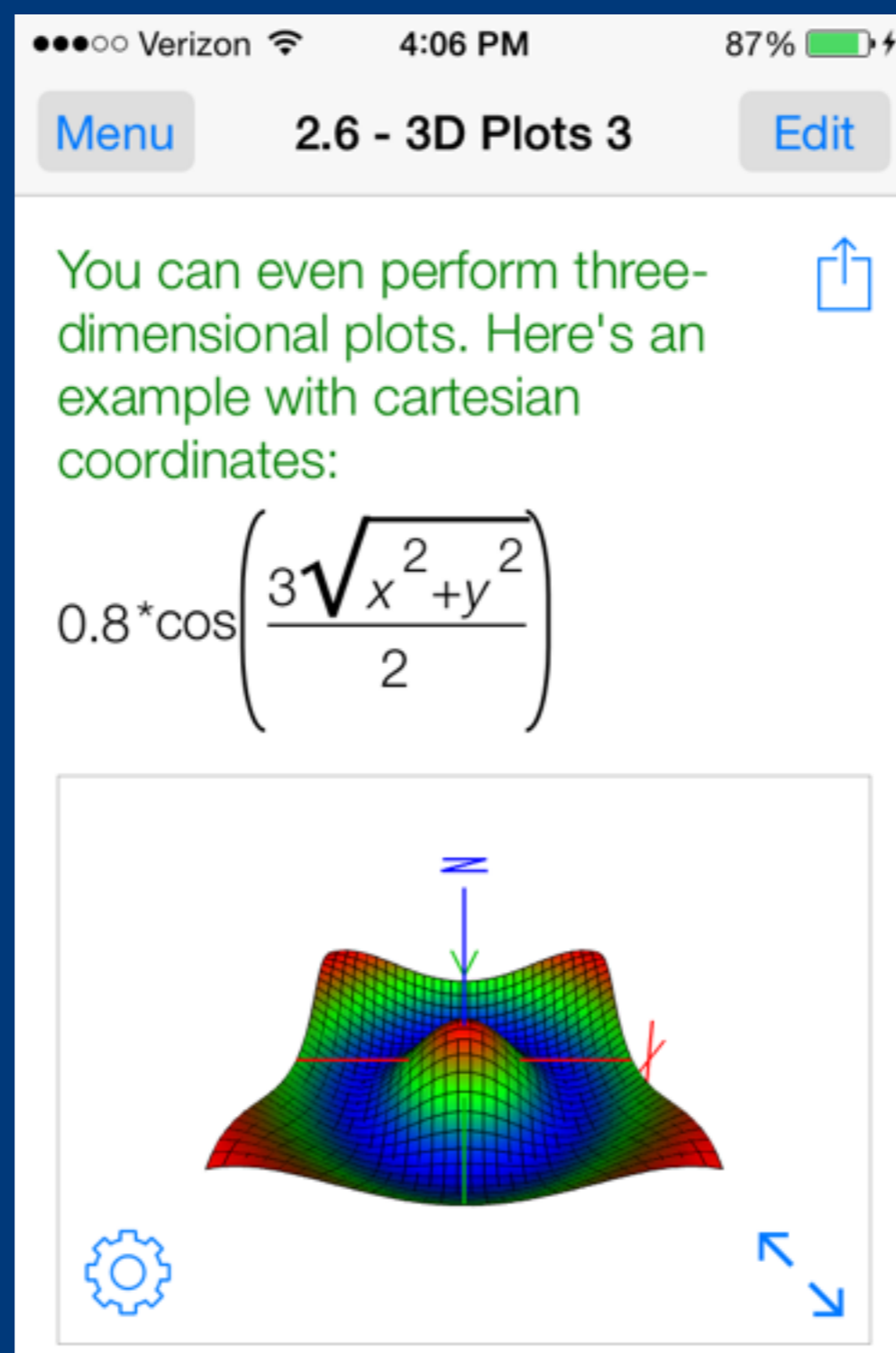


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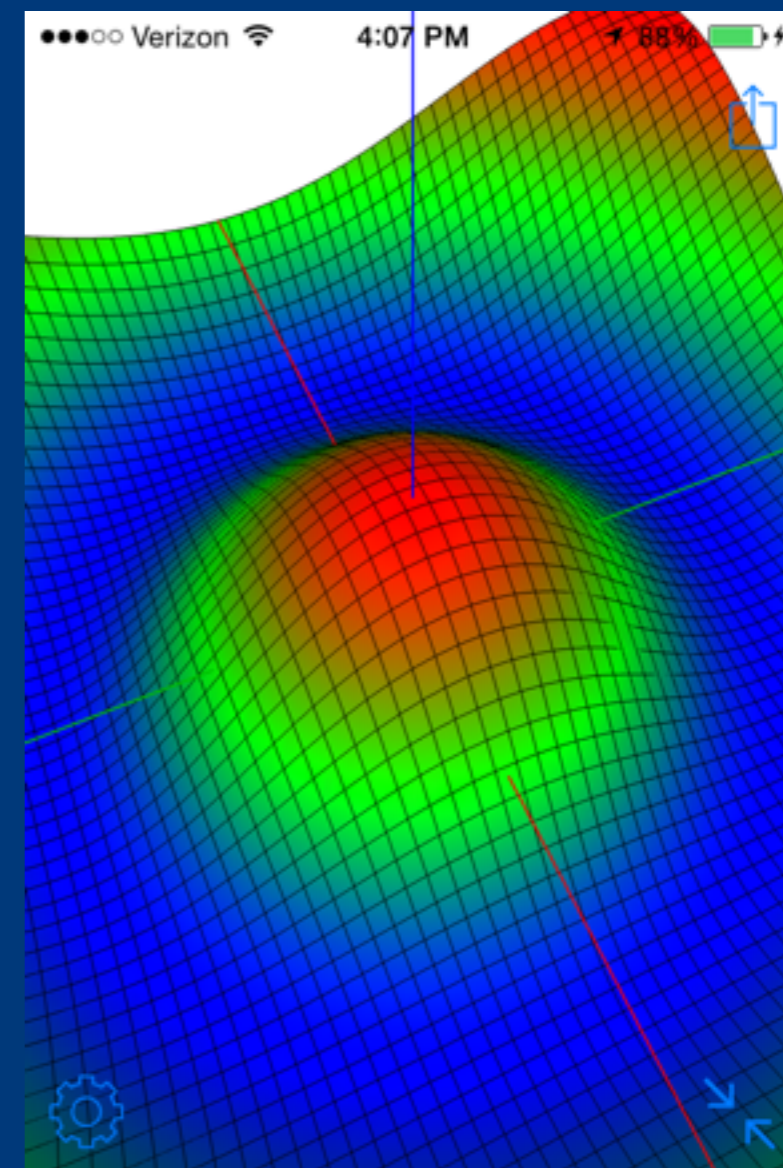
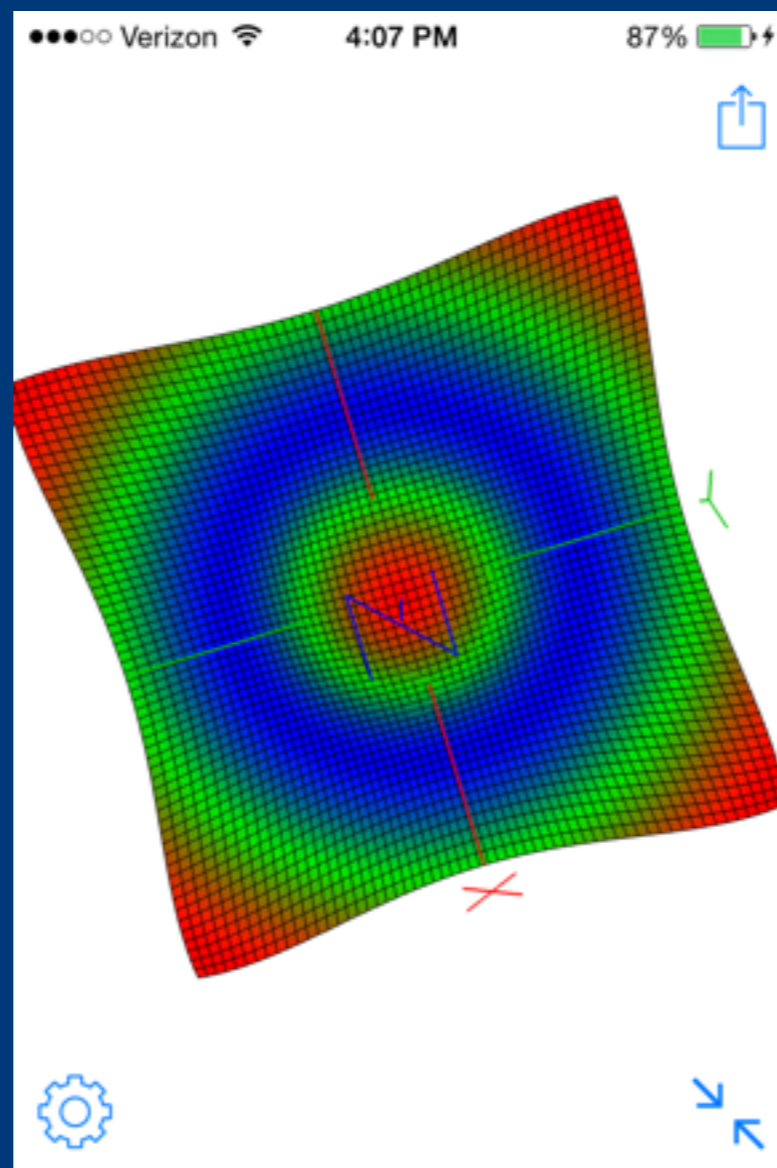
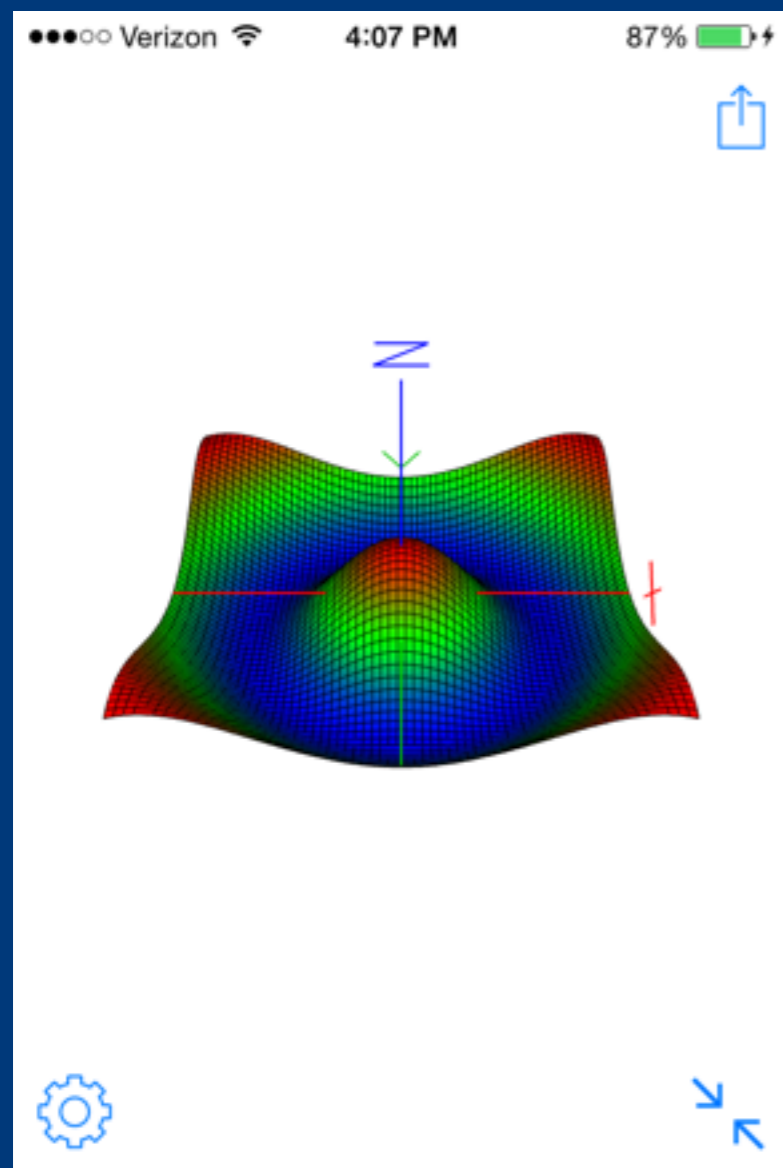


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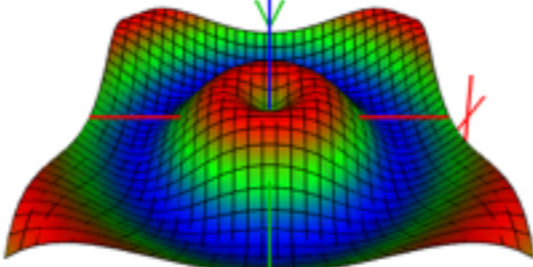
Verizon 4:10 PM 90%

Menu 2.7 - Time-Series Plo... Edit

PocketCAS also supports time-dependent plots. Just use the variable T in your plots and press the "Play" button in the top left of the plot.

$$\frac{3 \cdot \sin\left(2 \cdot \left(\sqrt{x^2 + y^2} - T\right)\right)}{5}$$

▶



⚙️ ↩️



# PocketCAS Pro



- The good
  - Powerful programable tool for solving math problems
  - Symbolic integrals and derivatives are wonderful
  - Built-in math functions and plotting capabilities are powerful
  - Great for quick on the go analyses
- The less good
  - User Interface is cramped on older iPhones
  - Limited symbolic algebra capability
  - Formatting limitations

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Software for iOS and OSX

If you have a favorite STEM app then tell me about it via email  
[wwjames@earthlink.net](mailto:wwjames@earthlink.net)