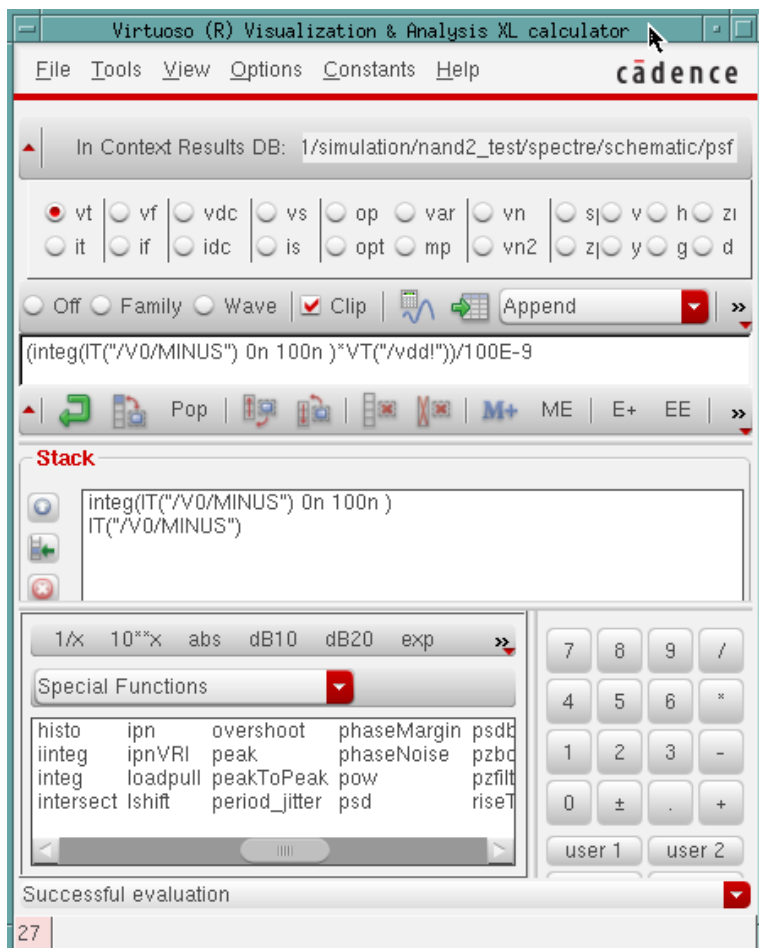


Notes on the Spectre calculator for CAD5...

As you've probably noticed, the calculator in the new version of Cadence looks a little different from the old version that's shown in the CAD book. It's basically the same thing, but not every button is labeled with the same text as shown in the book.

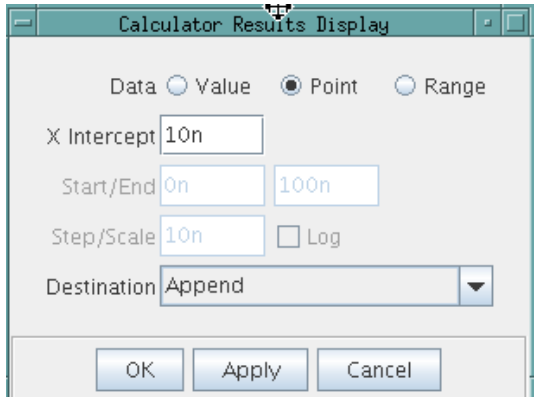
The biggest difference is that there is no "eval" or "print" button in the new interface. Instead there is a "plot" button that will plot the results in your waveform window, and a "table" button that looks like a green arrow pointing at a grid that will output the value into a table. Also, the scientific notation in the calculator is a little different. Instead of 100EEX-9 you would enter 100E-9 or even 100n. Also note that the green u-shaped arrow is the "put the current value on the stack" button (the default mode is still RPN).

This is what the calculator looks like when set up to do a similar calculation as described in section 7.8 of the CAD book:



The button just to the right of the "Clip" check box is the "plot" button that will plot the value in your waveform window. The next button to the right is the "print to

table" button that you can use to print the scalar value of your expression. When you press that button you get the following box where you can select to print just one point, or a whole range of points that represent the expression. In this case, the expression evaluates to a scalar, so you get only one value no matter how many times you print it.



The result that is printed looks like the following:

The image shows a window titled "Table Window (XL)". It has a menu bar with "File", "View", "Tools", and "Help". Below the menu bar is a table with two columns: "Names" and "Value". The first row of the table contains the expression "((integ(IT\"/VO..." in the "Names" column and the value "8.795E-6" in the "Value" column.

Names	Value
((integ(IT\"/VO...	8.795E-6

In this case the value is 8.795 uWatts.

I hope that helps!