

% xmaple

The screenshot shows the xmaple software interface. At the top is a menu bar with options: File, Edit, View, Insert, Format, Options, Window, and Help. Below the menu bar is a toolbar with various icons for file operations (open, save, print, copy, paste), navigation (back, forward), and editing (undo, redo, search, zoom). Below the toolbar is a status bar with icons for a variable 'x', a green plus sign, a minus sign, and an exclamation mark.

The main window is titled "Untitled (1) - [Server 1]". It contains a command prompt where the following command has been entered:

```
> taylor( exp(x) , x=0, 10 );
```

The output of the command is a Taylor series expansion of $\exp(x)$ centered at $x=0$ up to order 10:

$$1 + x + \frac{1}{2}x^2 + \frac{1}{6}x^3 + \frac{1}{24}x^4 + \frac{1}{120}x^5 + \frac{1}{720}x^6 + \frac{1}{5040}x^7 + \frac{1}{40320}x^8 + \frac{1}{362880}x^9 + O(x^{10})$$

The command prompt is now ready for the next input, indicated by a red prompt character `[>`.

At the bottom right of the window, there is a status bar showing "Time: 0.0s" and "Bytes: 0.0K".