

# % xmaple

The screenshot displays the xmaple software interface. At the top, there is a menu bar with the following options: File, Edit, View, Insert, Format, Options, Window, and Help. Below the menu bar is a toolbar containing various icons for file operations, editing, and viewing. The main workspace is titled "Untitled (1) - [Server 1]" and contains the following text:

```
> taylor( exp(x) , x=0, 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 output is a Taylor series expansion of  $\exp(x)$  around  $x=0$  up to the 10th order. The terms are displayed in a large, clear font. At the bottom right of the workspace, there is a status bar showing "Time: 0.0s" and "Bytes: 0.0K".