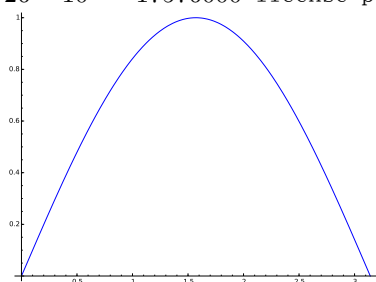# 数学软件Sagemath中变量的基本应用

闫鹏

There are 26 choices for each letter, and 10 choices for each digit, for a total of $26^3 \cdot 10^3 = 17576000$ license plates.


```
sage: 1+1                                                    1
2                                                            2
sage: factor(x^2 + 2*x + 1)                                  3
(x + 1)^2                                                    4
```