

# SID Forum



liveinsid.zulipchat.com

Create Your

Own Channel

**ZULIP**

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**DIRECT MESSAGES**

**CHANNELS**

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- 计算求解

## LaTeX & Code Block Supported

SIDhub > python

```
import numpy as np
import matplotlib.pyplot as plt
from scipy.optimize import curve_fit

# Sigmoid function definition
def sigmoid(x, L, x0, k, b):
    return L / (1 + np.exp(-k * (x - x0))) + b

# Data: Sample1-8 (Bacillus subtilis's density)
x = np.array([2, 4, 6, 24, 26]) # Independent variable (time or other)
y = np.array([
    [0.018, 0.028, 0.075, 0.012, 0.83233333],
    [0.013, 0.019, 0.07, 0.779, 0.792],
    [0.01, 0.833, 0.114, 0.78433333, 0.78266667]
```

bvodbmdg

1:21 PM

python

```
python
print("HelloWorld")
```

9:40 PM

sandbox > start a conversation

math

## Security & Freedom



You can if you protect your information well

Contact Me To Get  
the Invitation Link

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