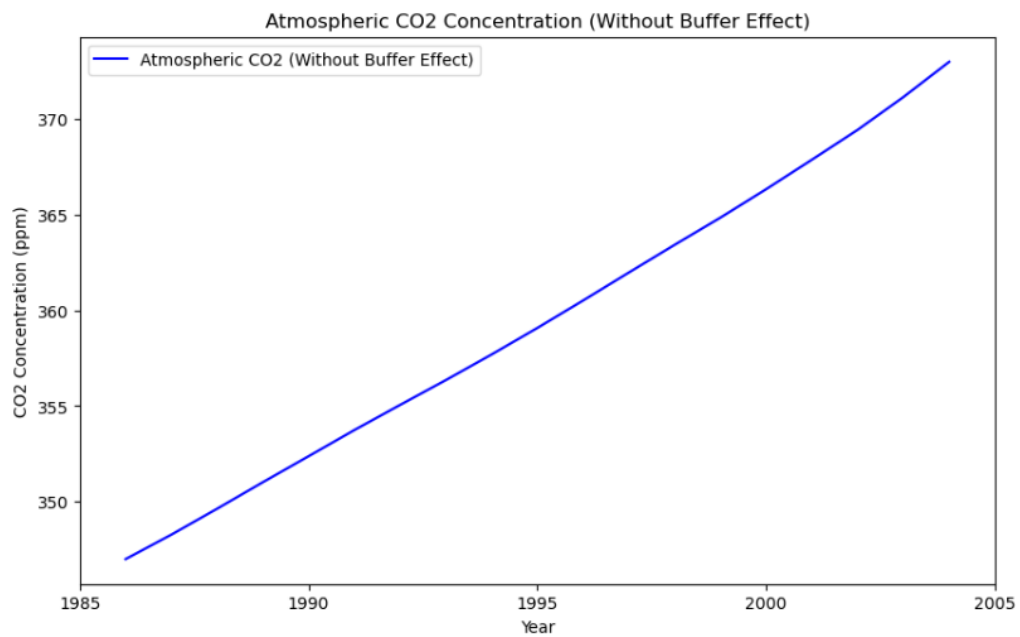# 12432894 张晨

Task 1

1986-2004

```
[347.         348.27780405 349.6326724  351.01816726 352.37617262
 353.74226477 355.05609627 356.35386358 357.69176046 359.07773263
 360.51209898 361.97369554 363.42004717 364.83969549 366.32634654
 367.86641328 369.42709954 371.14027647 372.98029188]
```
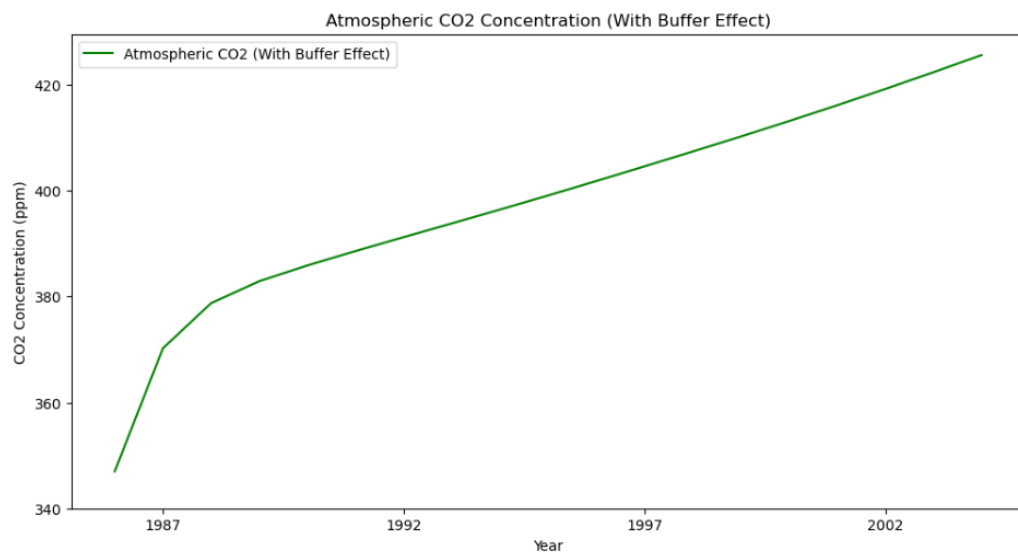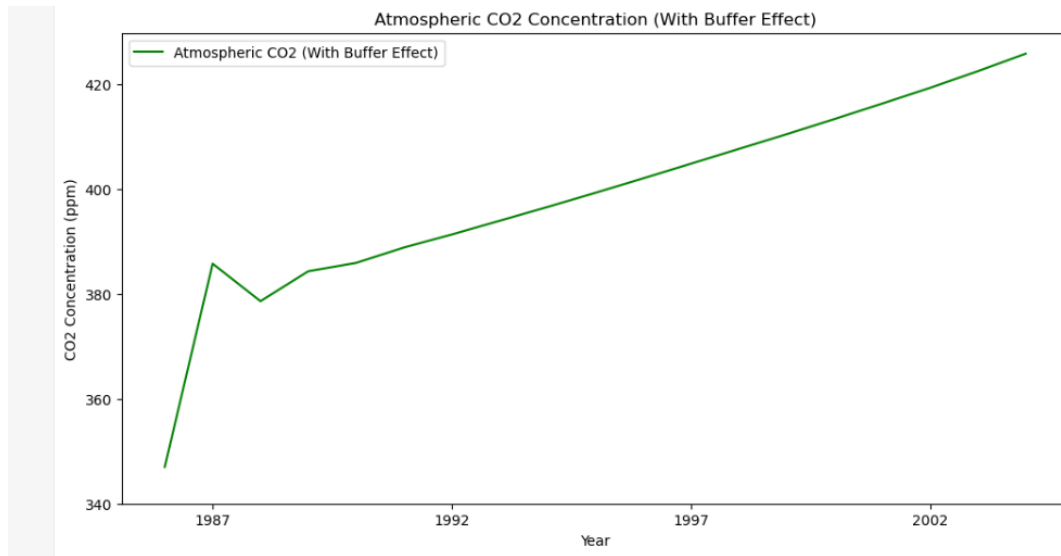

Atmospheric CO2 Concentration (Without Buffer Effect)

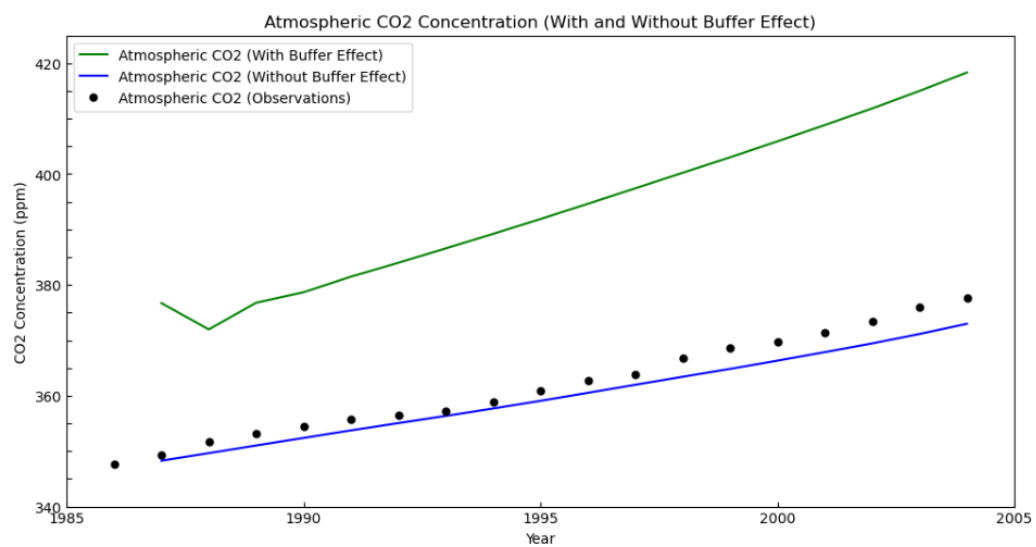**Task2 两种不同积分方法得到的答案（上 5_1;下 5_2）**

1986-2004(5_1)

```
[347.         376.71394099 371.96239733 376.78268441 378.66556425
 381.4836067  383.98763993 386.58450916 389.20227599 391.88714646
 394.63230106 397.42490519 400.22468282 403.02007972 405.89910509
 408.84525992 411.83563699 415.00381702 418.32633812]
```
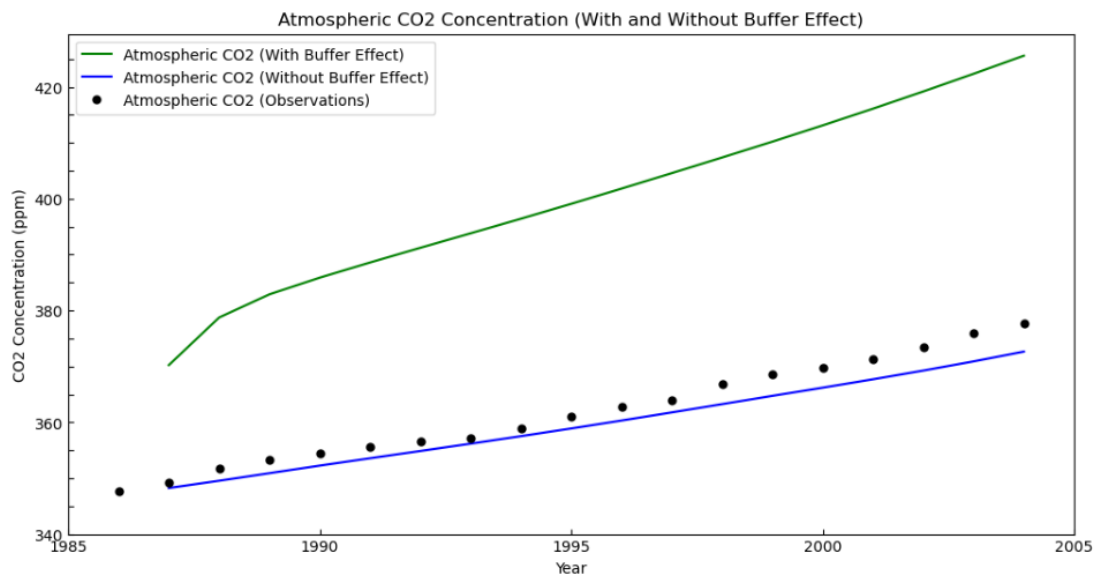
1986-2004(5_2)

```
[347.         370.22895108 378.74825552 382.89423417 385.87501948
 388.58894644 391.2189371  393.81280661 396.42435945 399.08797714
 401.81194421 404.58014186 407.37730392 410.21413175 413.12414524
 416.11367557 419.19291354 422.35513308 425.60033419]
```

Atmospheric CO2 Concentration (With Buffer Effect)

Atmospheric CO2 Concentration (With Buffer Effect)

Task3 两种不同积分方法得到的答案（上 5_1;下 5_2）

Atmospheric CO2 Concentration (With and Without Buffer Effect)

Task4

在 Task1 和 Task4 中两种积分方法的答案比较相近，因此没有展示