

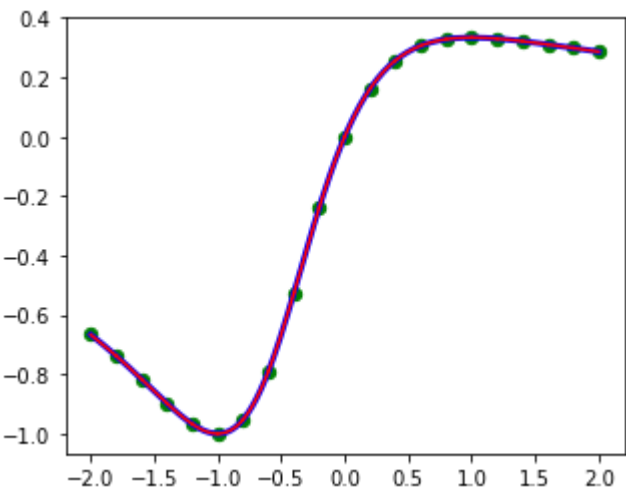
# Lab5 Report

徐海阳 PB20000326

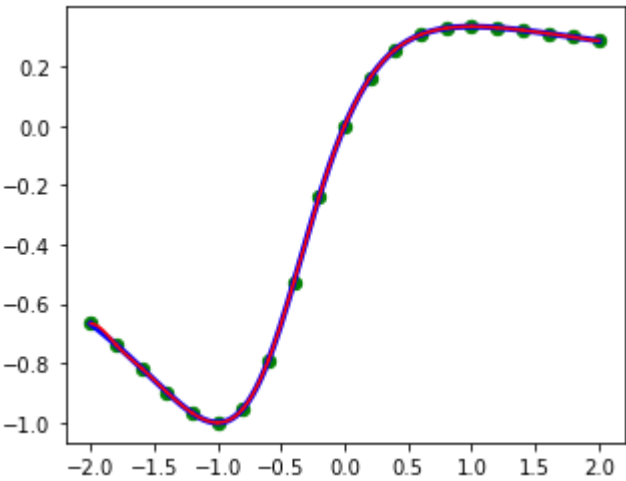
## 实验结果

### 函数1

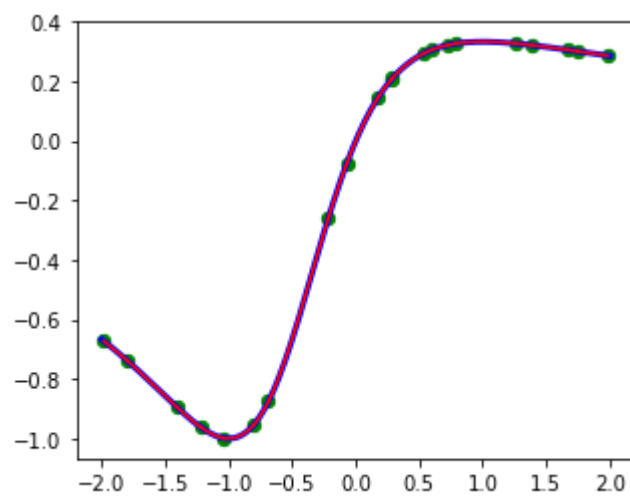
均匀、自然



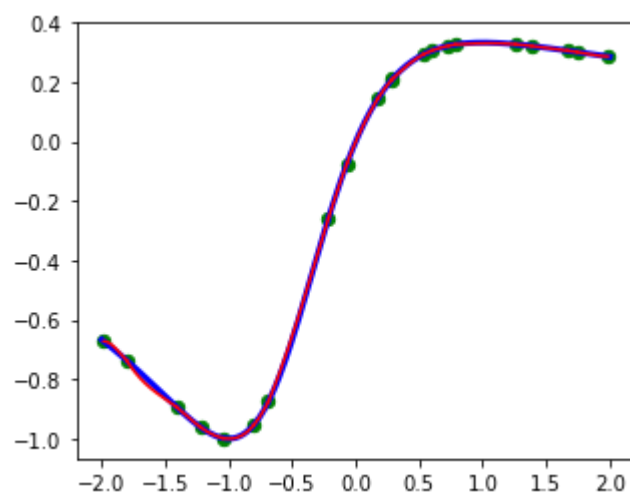
均匀、一阶导数



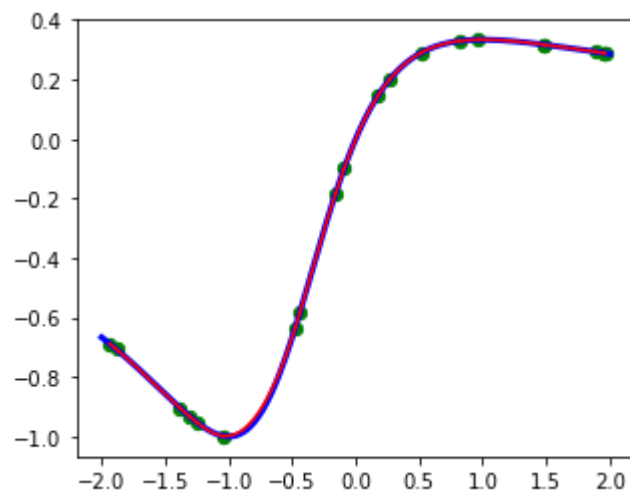
随机1、自然



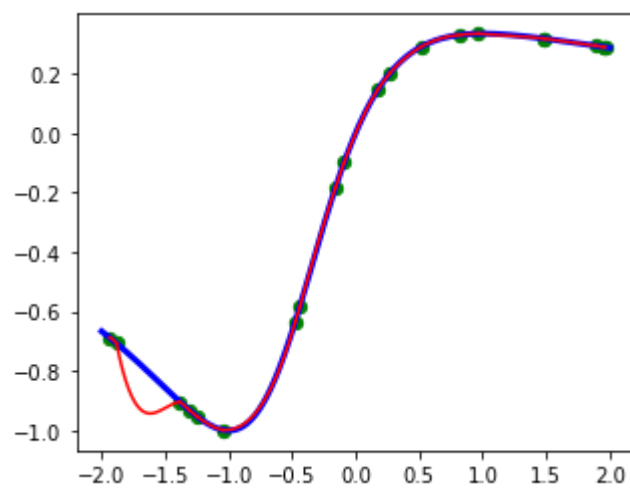
随机1、一阶导数



随机2、自然

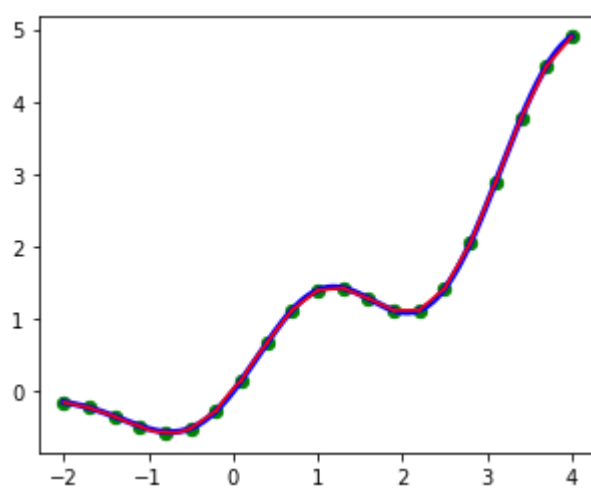


随机2、一阶导数

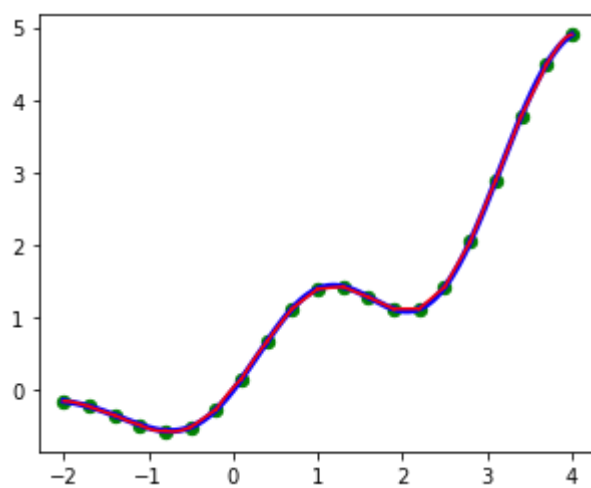


## 函数2

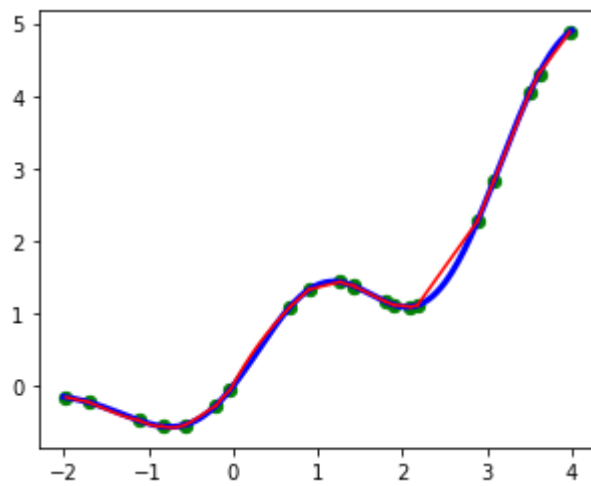
均匀、自然



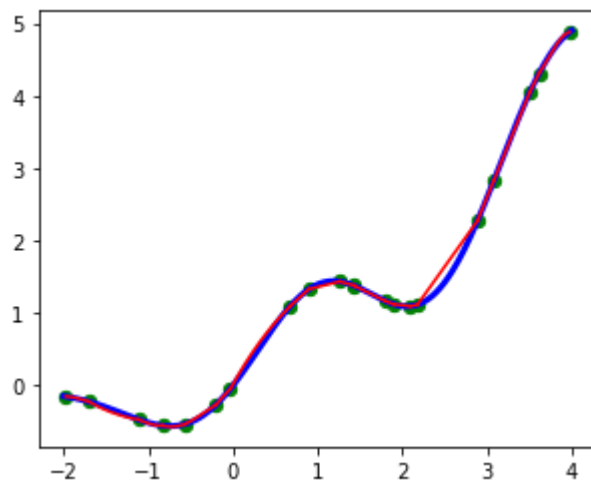
均匀、一阶导数



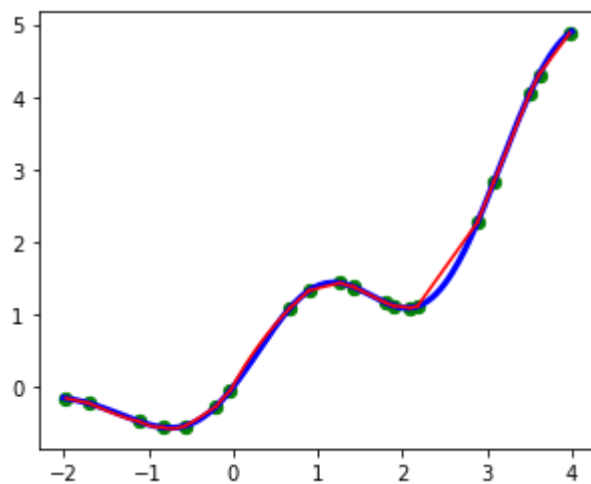
随机1、自然



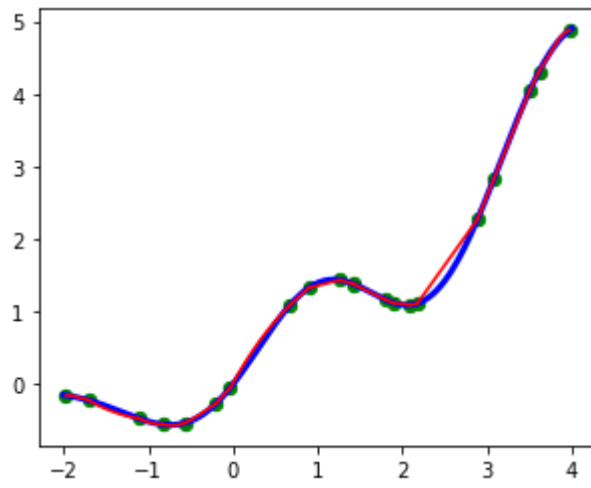
随机1、一阶导数



随机2、自然



随机2、一阶导数



## 结果分析

1. 均匀采样情况下拟合效果很好
2. 随机采样情况下，若两个点之间距离较大，则可能出现一定偏差