时间：2017年5月1日

天气：晴

温度：28~16℃

两笔记本距离：2.4m

容器：pp塑料箱（20\*30\*40cm）

实验说明：

本次实验有两个变量，湿度，与温度。

湿度梯度：100g

温度梯度：2℃

实验记录：

1.测量不同湿度对csi信号的影响。

温度=25℃

|  |  |
| --- | --- |
| 湿度（g） | 数据包 |
| 0 | 2017-05-01-11-18-37.dat |
| 100 | 2017-05-01-11-26-34.dat |
| 200 | 2017-05-01-11-39-19.dat |
| 300 | 2017-05-01-11-47-56.dat |
| 400 | 2017-05-01-11-54-28.dat |
| 500 | 2017-05-01-12-01-41.dat |

1. 测量不同温度对csi信号的影响

湿度=0g

|  |  |
| --- | --- |
| 温度（℃） | 数据包 |
| 25 | 2017-05-01-11-18-37.dat |
| 27 | 2017-05-01-15-55-47.dat |
| 29 | 2017-05-01-15-22-11.dat |
| 31 | 2017-05-01-15-11-04.dat |
| 32 | 2017-05-01-15-04-17.dat |
| 33 | 2017-05-01-13-57-55.dat |
| 36 | 2017-05-01-13-40-07.dat |
| 37 | 2017-05-01-13-27-34.dat |

注释：

数据与变量的对照表如上图。

原始数据保存在“csi\_dat\_0501”文件夹。（原始数据文件名为实验时的 “时间+.dat” 组成）

图片保存在“csi\_pc\_0501”文件夹。（图片名为 “变量名+变量值+天线编号+.png” 组成）

湿度变量图片汇总见附录1.

温度变量图片汇总见附录2.

附录1：

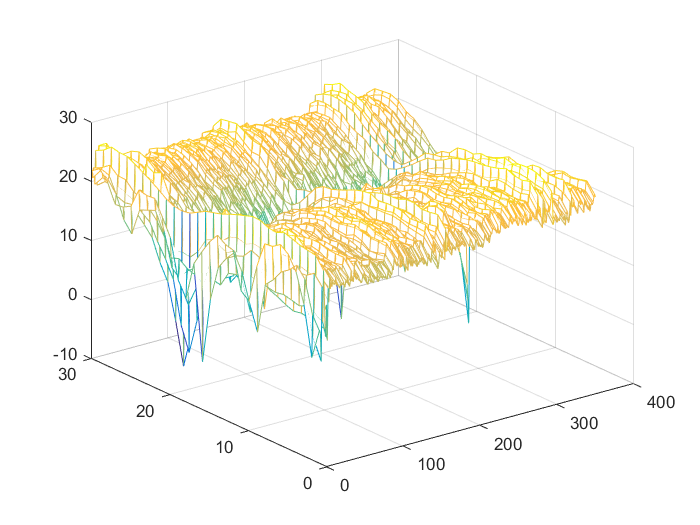


图1.1湿度0g\_1

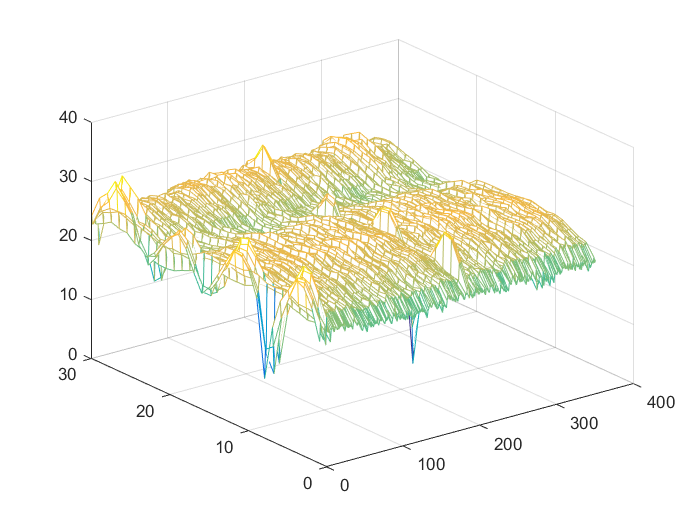


图1.2湿度0g\_2

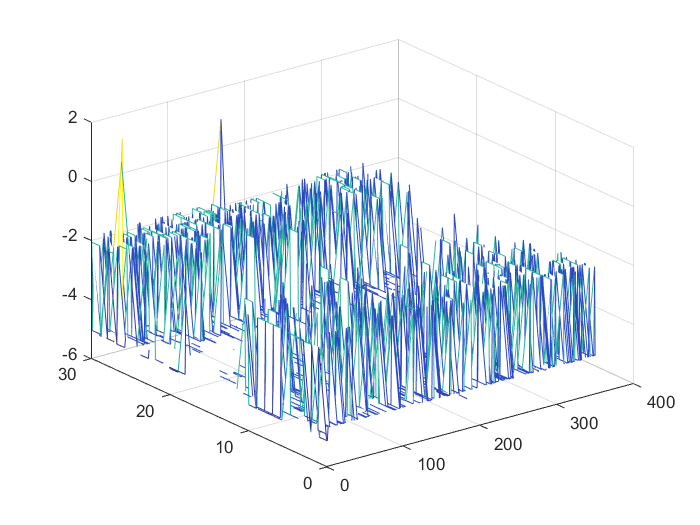


图1.3湿度0g\_3

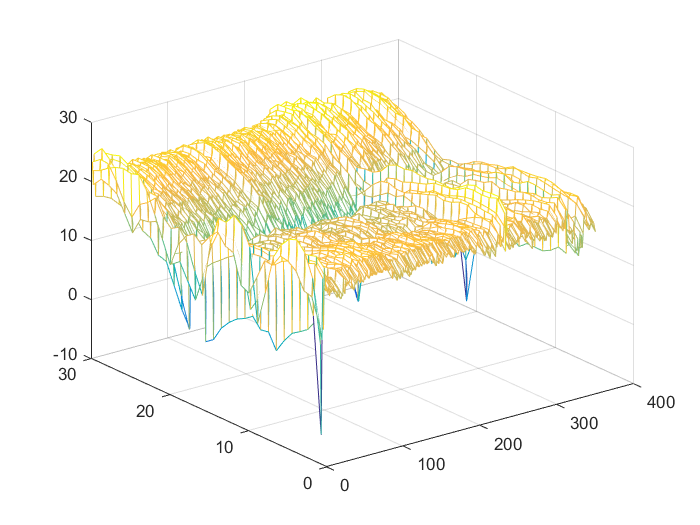


图1.4湿度100g\_1

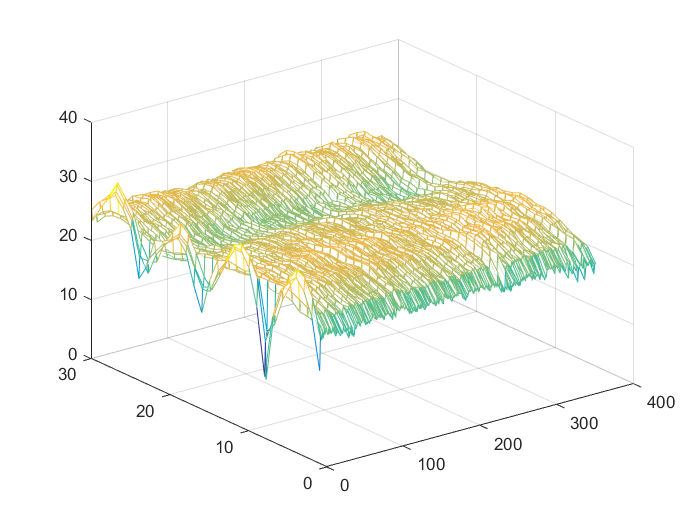


图1.5湿度100g\_2



图1.6湿度100g\_3

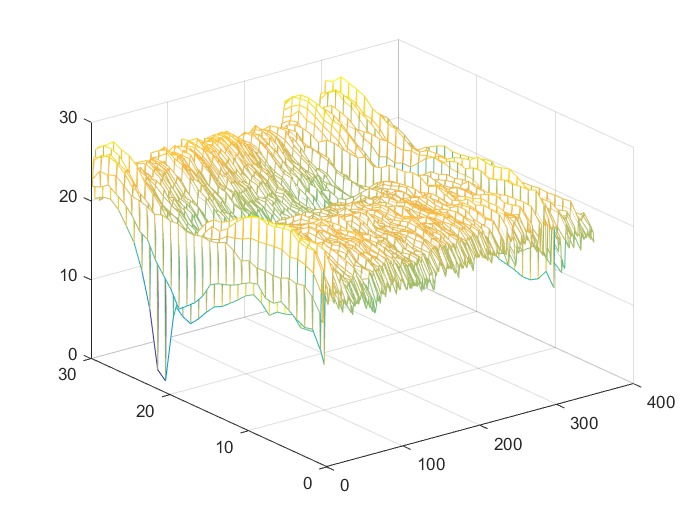


图1.7湿度200g\_1

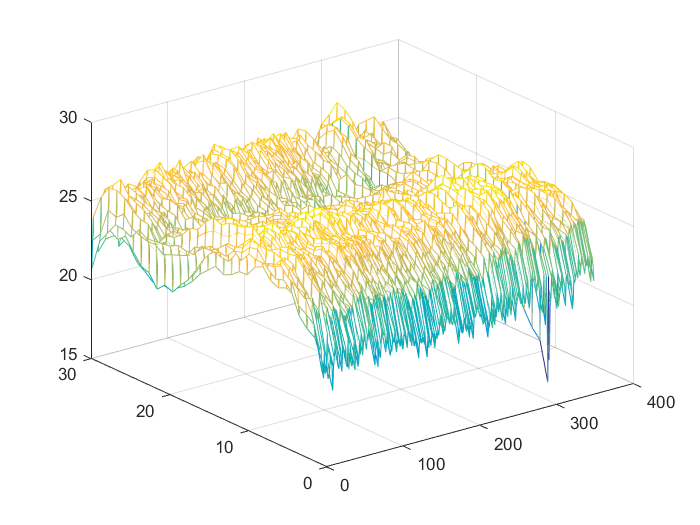


图1.8湿度200g\_2

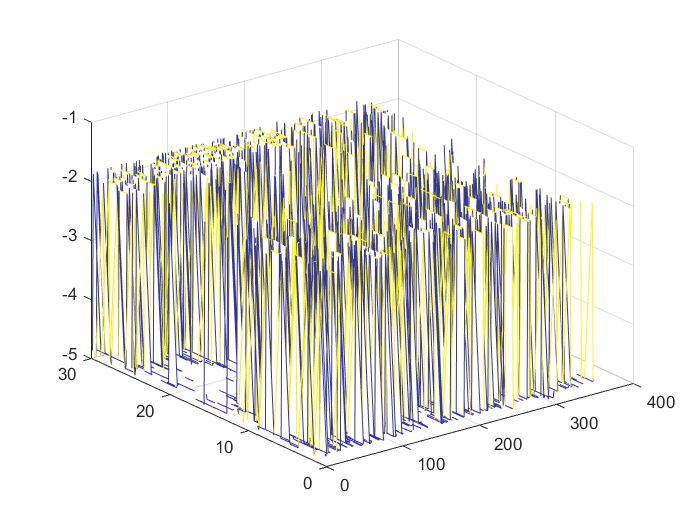


图1.9湿度200g\_3

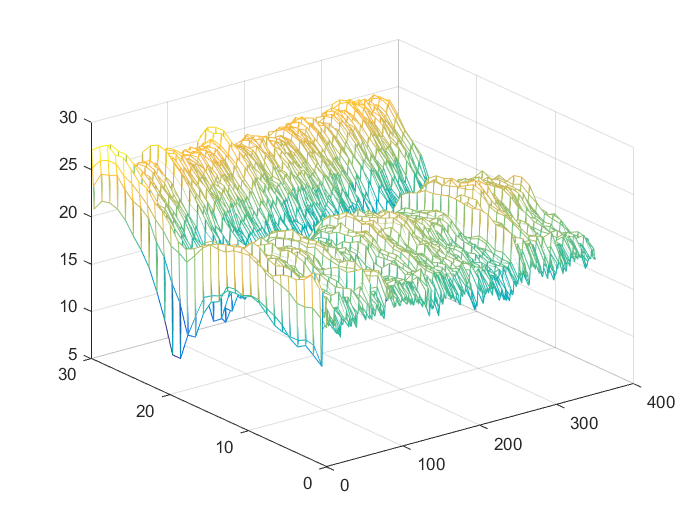


图1.10湿度300g\_1

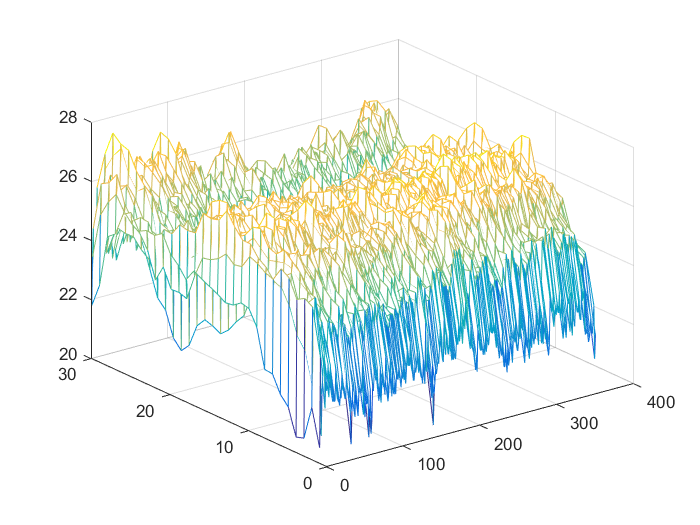


图1.11湿度300g\_2

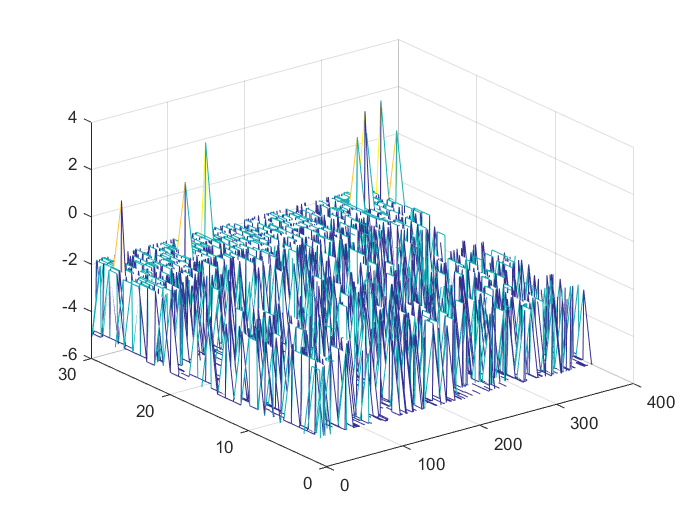


图1.12湿度300g\_3

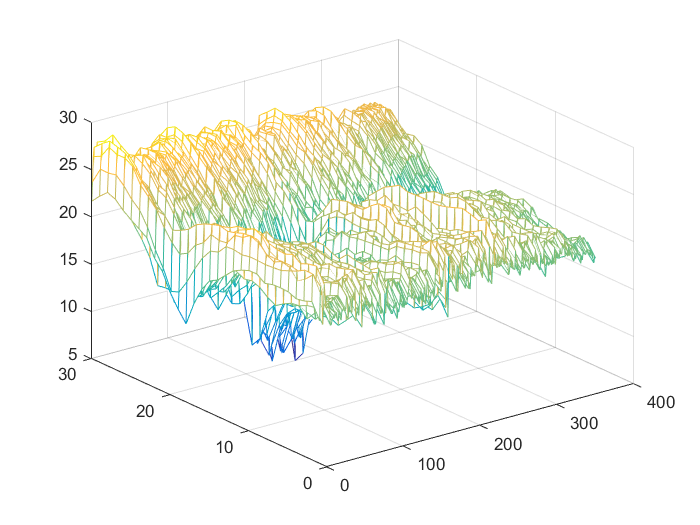


图1.13湿度400g\_1

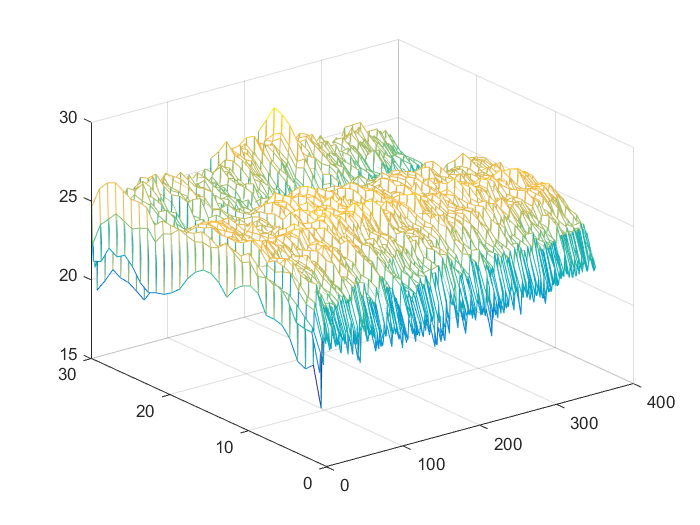


图1.14湿度400g\_2

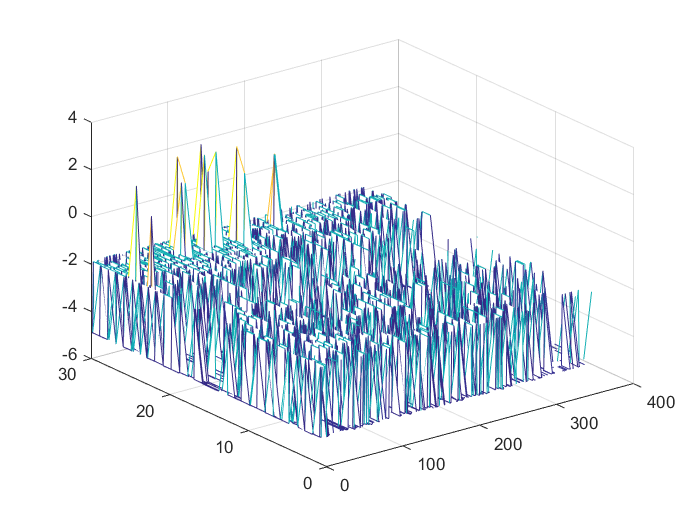


图1.15湿度400g\_3

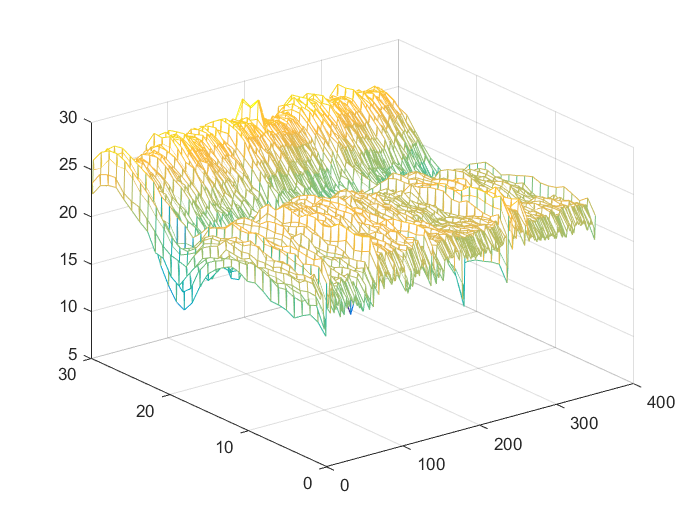


图1.16湿度500g\_1

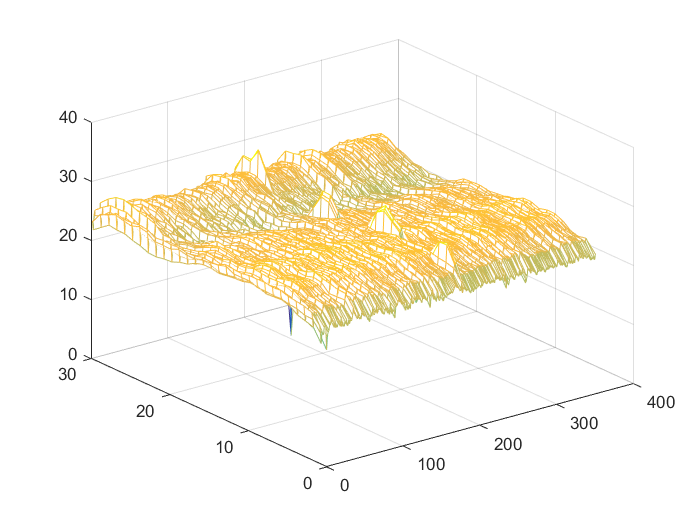


图1.17湿度500g\_2

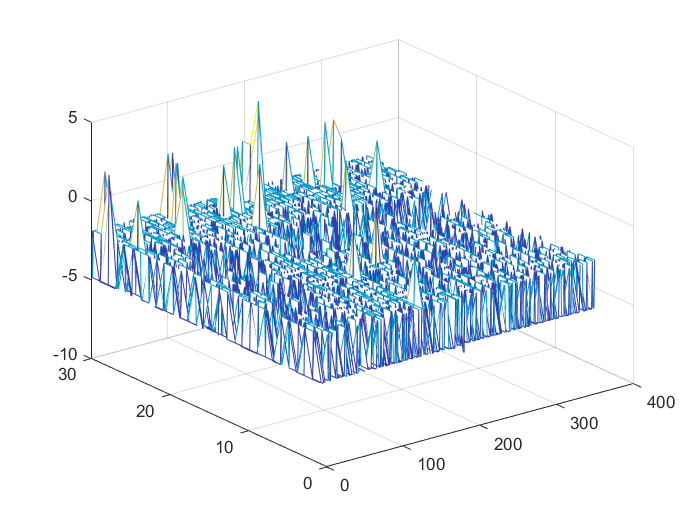


图1.18湿度500g\_3

附录2：

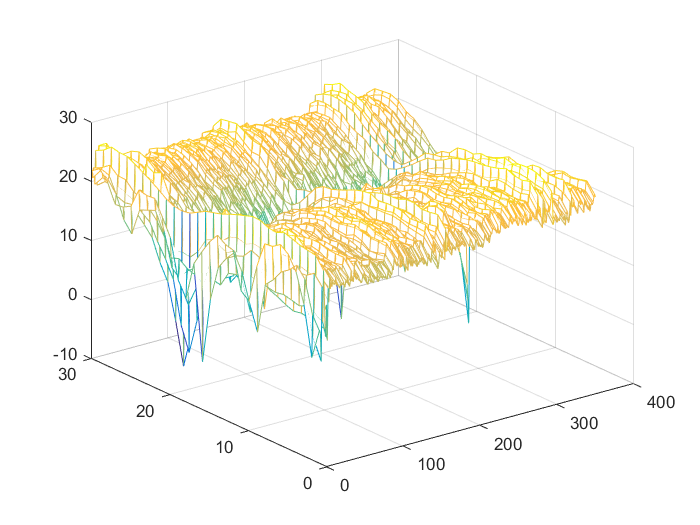


图2.1温度25\_1

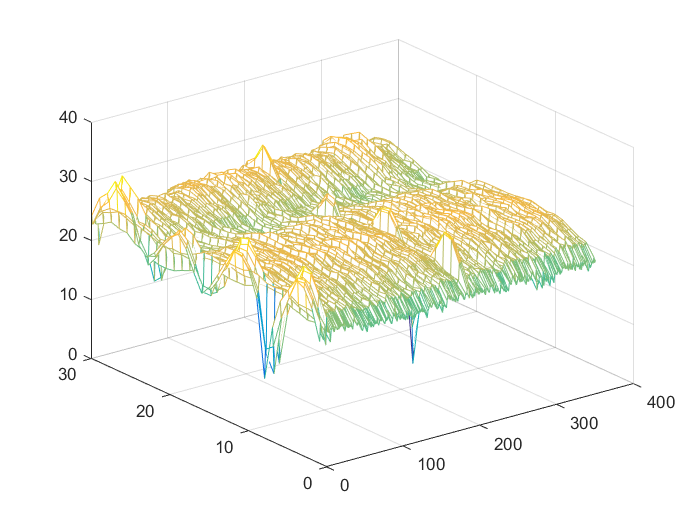


图2.2温度25\_2

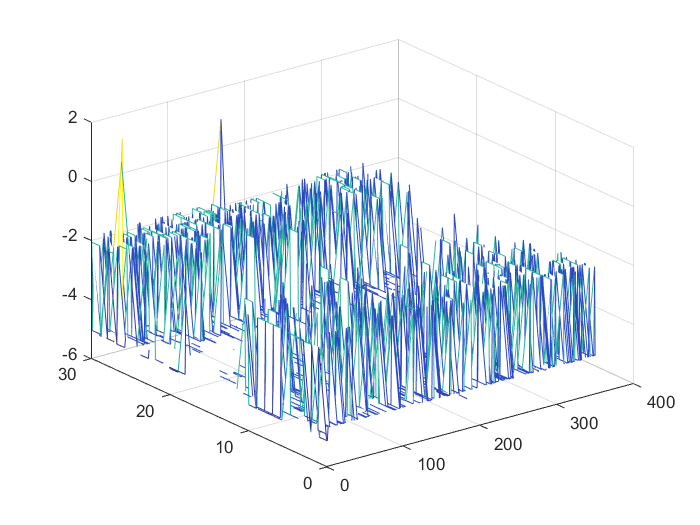


图2.3温度25\_3

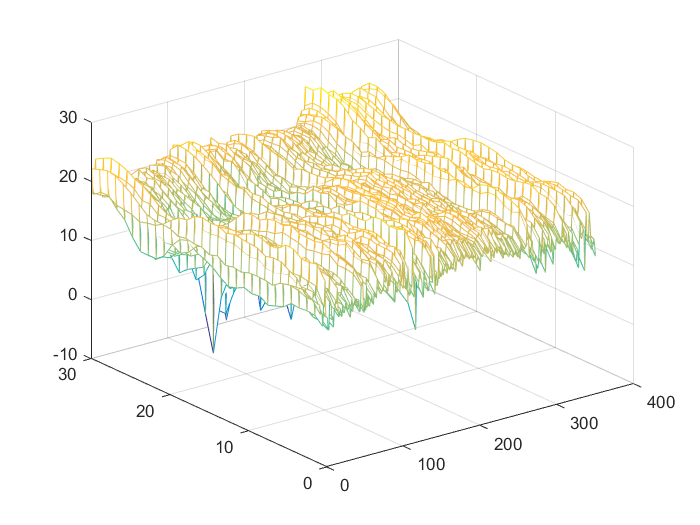


图2.4温度27\_1

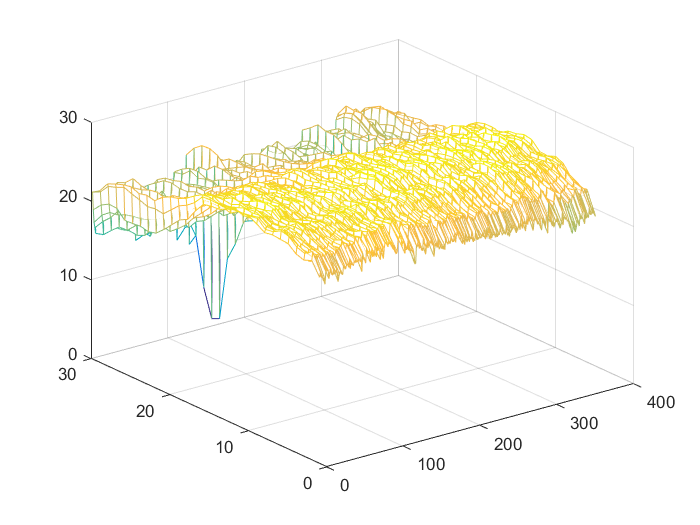


图2.5温度27\_2

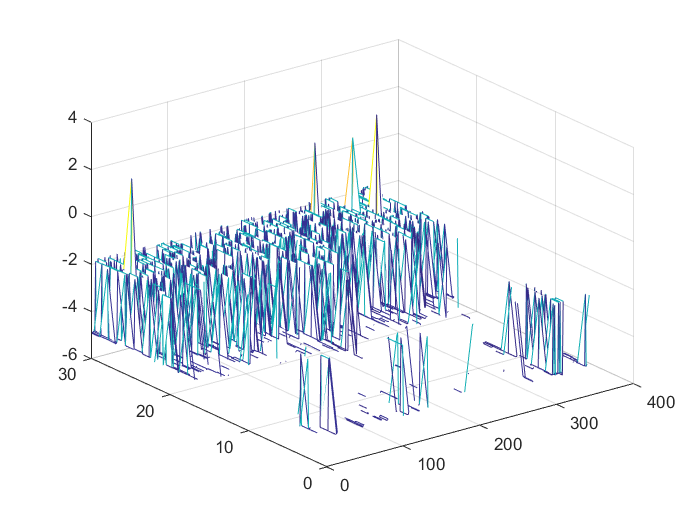


图2.6温度27\_3

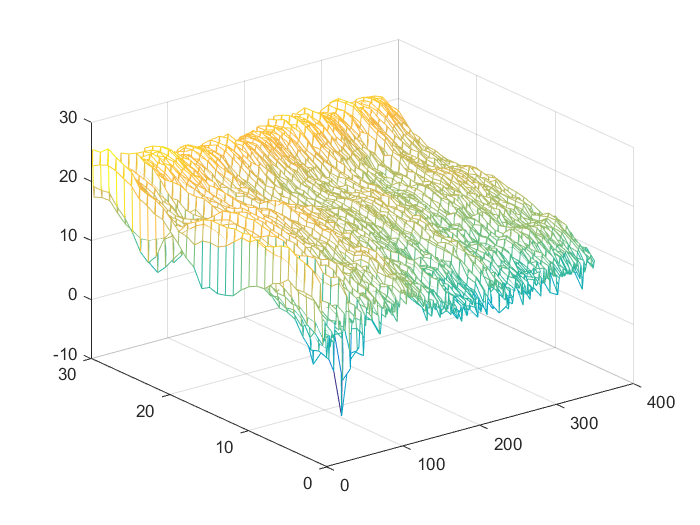


图2.7温度29\_1

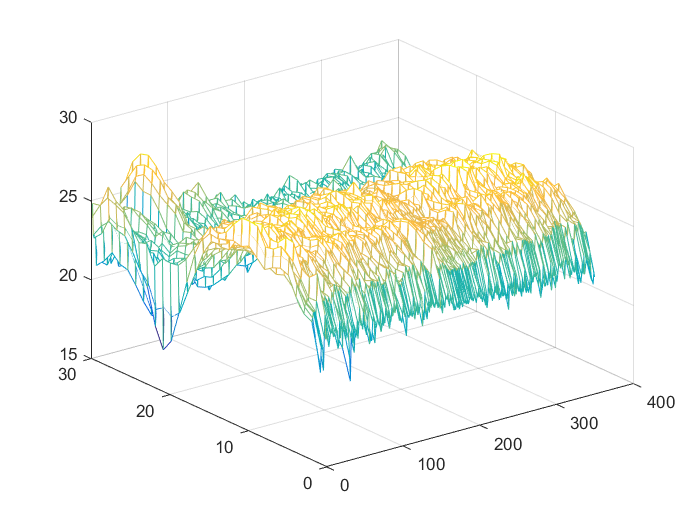


图2.8温度29\_2

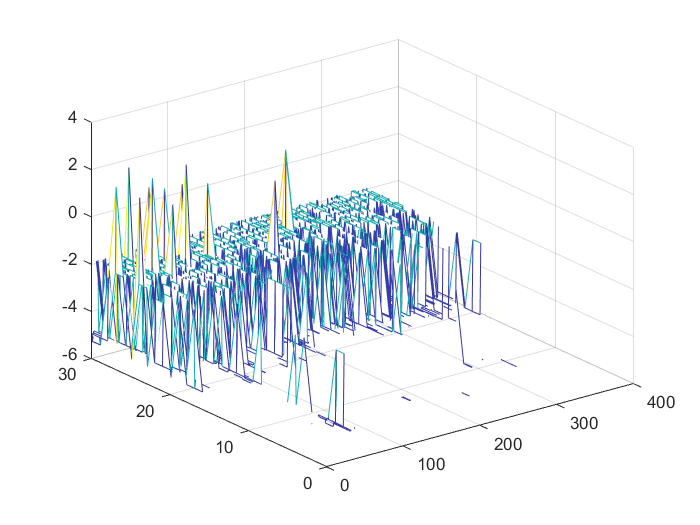


图2.9温度29\_3

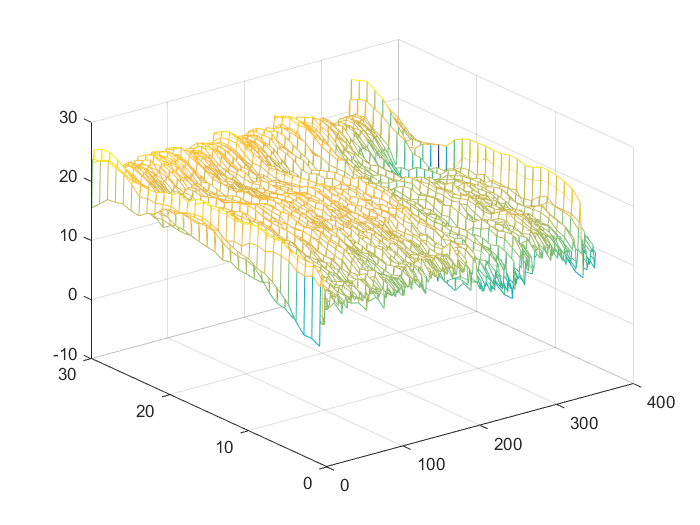


图2.10温度31\_1

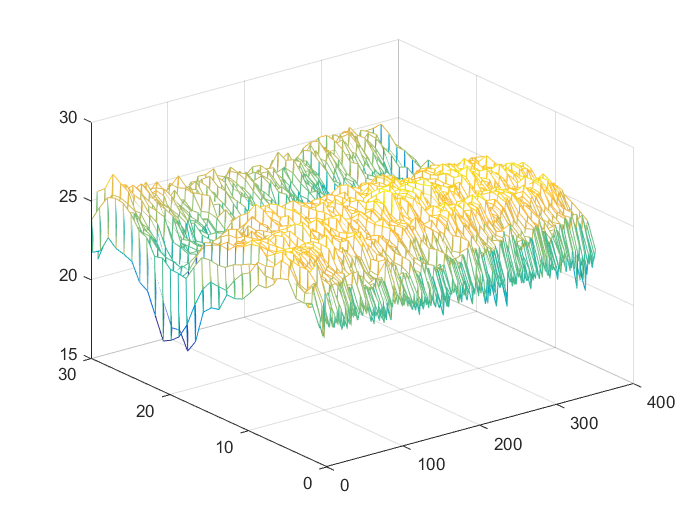


图2.11温度31\_2

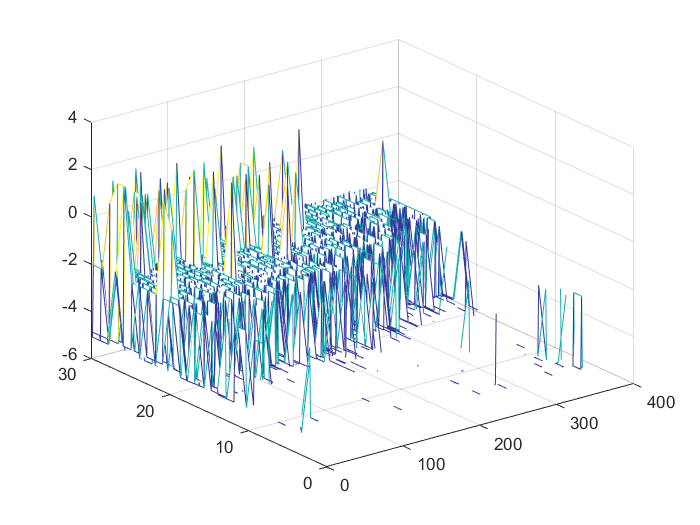


图2.12温度31\_3

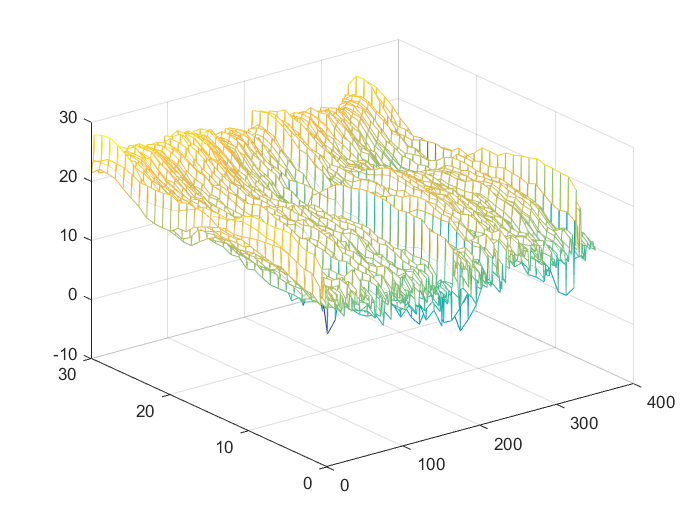


图2.13温度32\_1

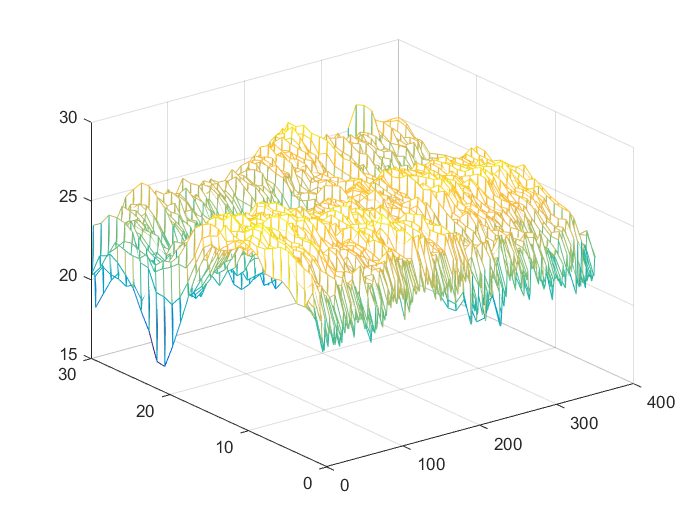


图2.14温度32\_2

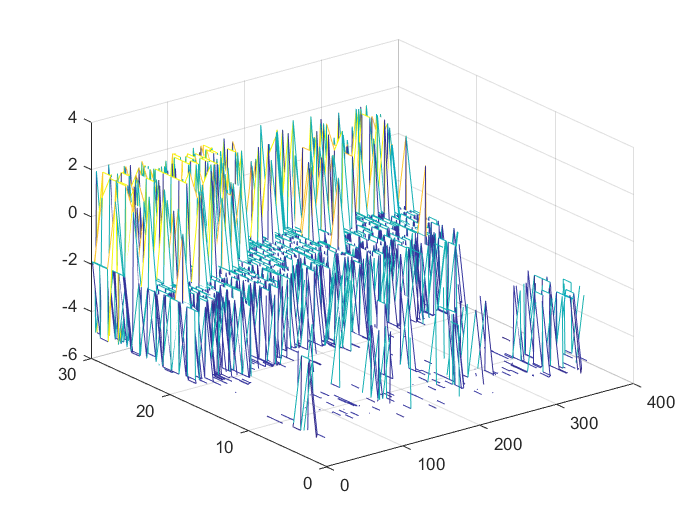


图2.15温度32\_3

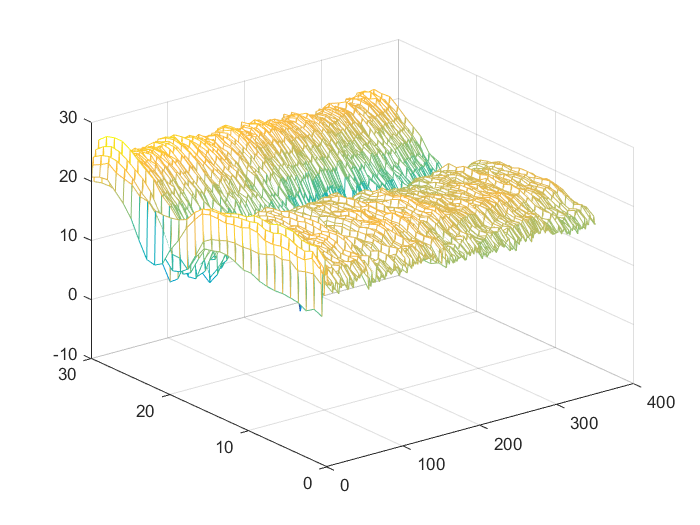


图2.16温度33\_1

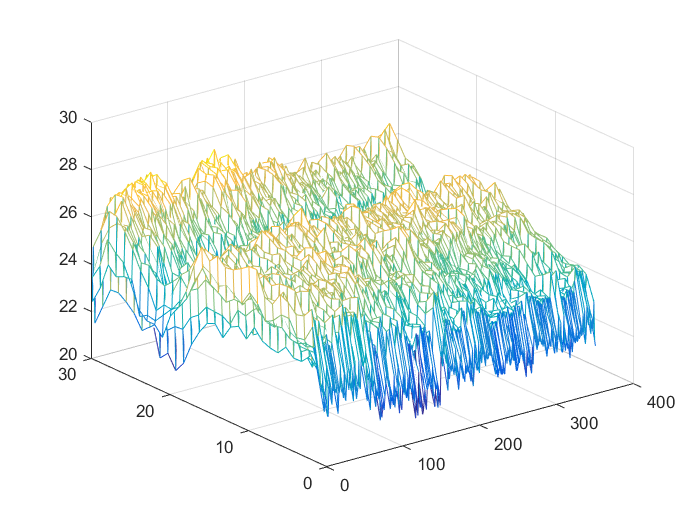


图2.17温度33\_2

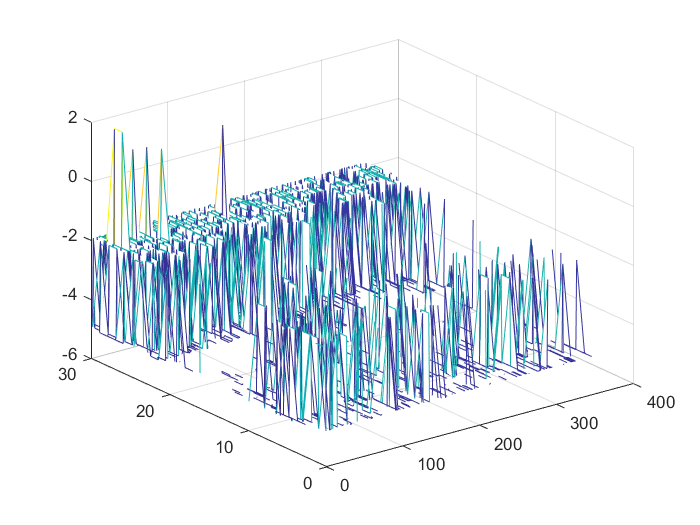


图2.18温度33\_3

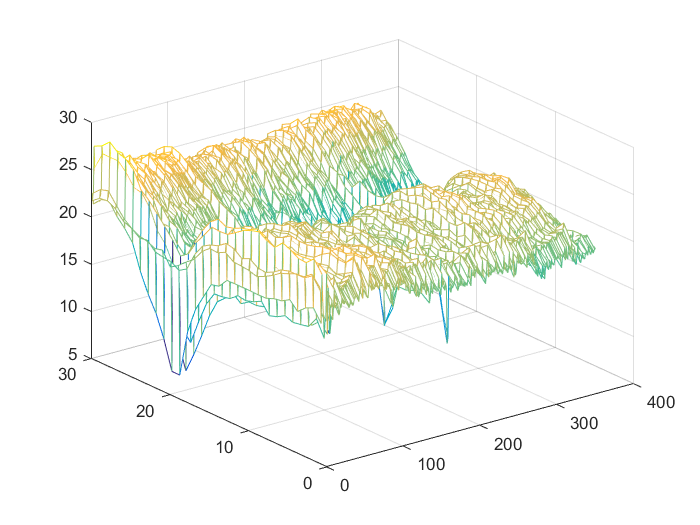


图2.19温度36\_1

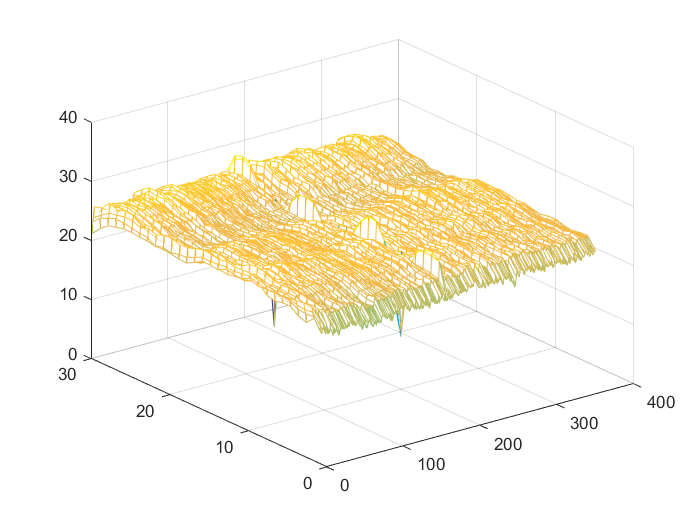


图2.20温度36\_2

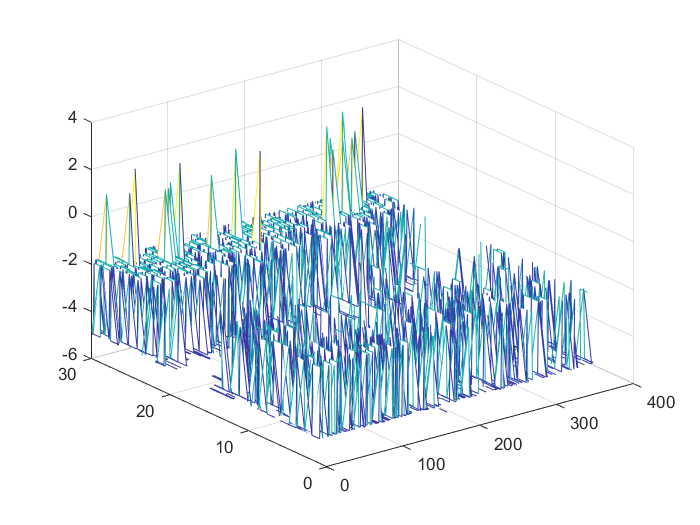


图2.21温度36\_3

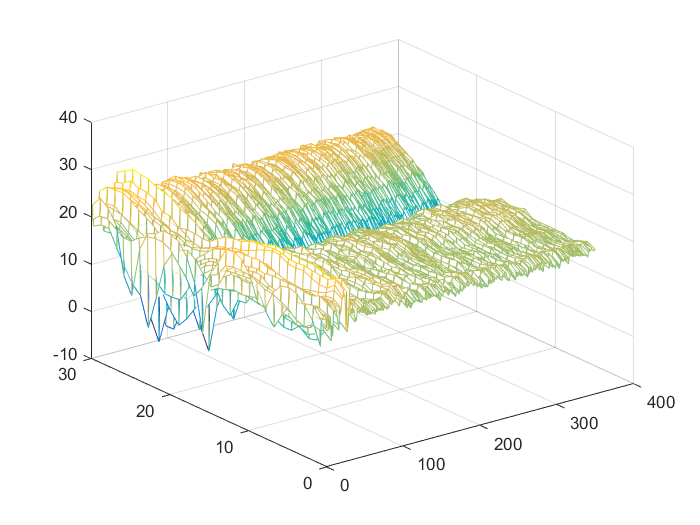


图2.22温度37\_1

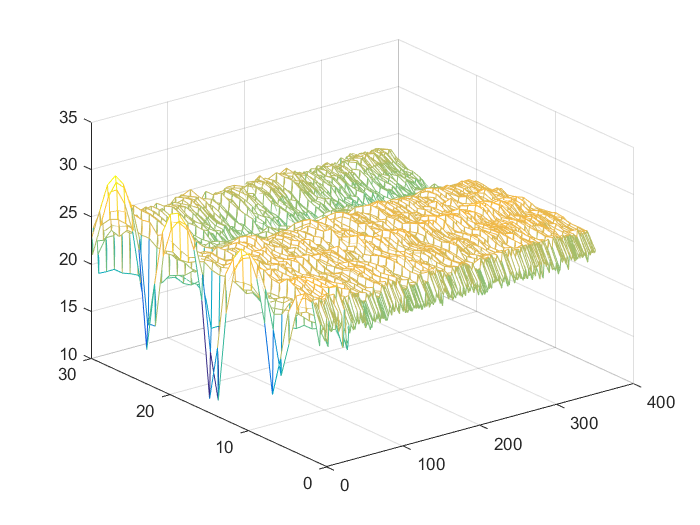


图2.23温度37\_2

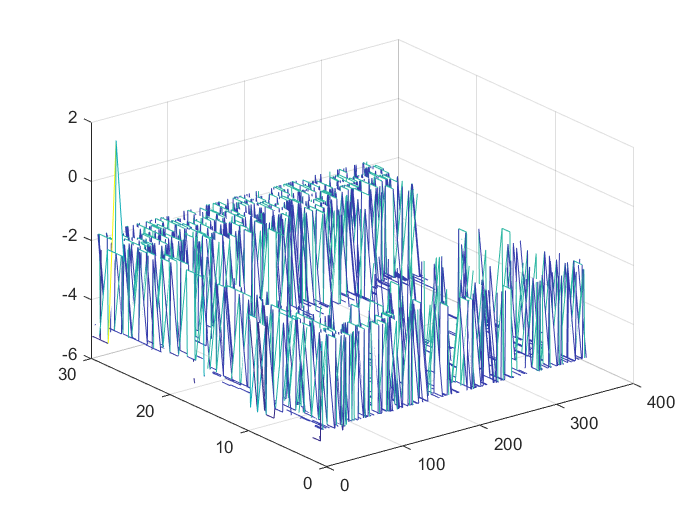


图2.24温度37\_3