機械所設計組 R12522615 王邑安 HW\_ID:2

**Introduction to statistical control and optimization**

Homework 8



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | sample variance | standard errorσ | UCL | LCL |
| 348.4944 | 17.47582071 | 4.180409155 | 361.0357 | 335.9532 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1st Rule | 2st Rule | 3st Rule | 4st Rule | 5st Rule | 6st Rule | 7st Rule | 8st Rule |
| no | no | no | yes | no | no | no | yes |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | sample variance | standard errorσ | UCL | LCL |
| 3.111111 | 1.782828283 | 1.33522593 | 7.116789 | -0.89457 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1st Rule | 2st Rule | 3st Rule | 4st Rule | 5st Rule | 6st Rule | 7st Rule | 8st Rule |
| yes | yes | no | yes | no | no | no | yes |