波尔共振实验报告

阻尼挡为2档的阻尼系数

B=0.079643

平均周期

T=1.75618

阻尼挡为2挡时：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 电机周期T | 振幅 |  | 相位差 | w/w0 |
| 1.7 | 60 |  | -151.5 | 1.033047 |
| 1.71 | 68 |  | -146.15 | 1.027006 |
| 1.72 | 75.5 |  | -137.3 | 1.021035 |
| 1.73 | 86 |  | -130.75 | 1.015133 |
| 1.74 | 93.4 |  | -122.4 | 1.009299 |
| 1.75 | 102.4 |  | -111.3 | 1.003531 |
| 1.76 | 111 |  | -98.3 | 0.99783 |
| 1.77 | 110 |  | -83.3 | 0.992192 |
| 1.78 | 100 |  | -65.85 | 0.986618 |
| 1.79 | 82.5 |  | -51.45 | 0.981106 |
| 1.8 | 72.3 |  | -42.65 | 0.975656 |
| 1.81 | 61 |  | -38.1 | 0.970265 |