

# Chapter 1

## Appendix

### 1.1 Data on the Pt-W strain gauge with sample

#### 1.1.1 Temperature scans

from[K]	to[K]	rate[mK/s]	field[Tesla]	file number
0.065	4.5	mixed	3	36-39
4.5	0.081	mixed	3	40-44
4.5	0.288	mixed	4.95	55-58
0.065	2.2	mixed	0.5	80-84
0.065	3	0.1	4.5	95
0.065	3	0.1	0.2	97
0.065	3	0.1	0.050	100
0.065	3	0.1	0.050	100
0.070	3	0.1	0.050	102
0.066	3	0.1	0.1	105

### 1.1.2 Field scans

from[Tesla]	to[Tesla]	rate[Tesla/min]	temperature[K]	file number
0	- 0.1	0.01	0.050	6
-0.1	0.3	0.01	0.050	7
0.33	0.5	0.01	0.050	8
0.5	-0.7	0.01	0.050	9
-0.7	0.9	0.04	0.050	10
0.9	-0.98	0.02	0.050	11
0	-1.1	0.02	0.050	12
-1.1	1.3	0.02	0.050	13
1.3	-1.5	0.02	0.050	14
-1.5	-2.5	0.02	0.050	15
-2.5	-6	0.04	0.050	16
-6	-3.5	0.05	0.050	17
0	9	0.05	0.050	19
9	-6	0.05	0.050	20
-6	6	0.05	0.100	21
6	-6	0.05	0.100	22
9	-9	0.1	0.400	24
-9	9	0.1	0.600	25
9	-9	0.1	0.800	26
-9	9	0.1	1	27
-9	3.2	0.1	1.1	32
9	-9	0.1	2	33
-9	9	0.02	0.065	34
9	-9	0.1	4	85
-9	9	0.1	1.53	86
9	-9	0.1	1.4	87
-9	9	0.2	1.3	88
9	-9	0.2	1.2	89

## 1.2 Data on the Pt-W strain gauge without sample

### 1.2.1 Temperature scans

from[K]	to[K]	rate[mK/s]	field[Tesla]	file number
0.052	3	mixed	0	60-64
2	0.053	mixed	9	69-73

### 1.2.2 Field scans

from[Tesla]	to[Tesla]	rate[Tesla/min]	temperature[K]	file number
-3.5	0	0.05	0.050	18
-6	6	0.1	0.050	23
9	-9	0.2	1	28
9	-9	0.1	0.065	59
9	-9	0.1	2	67
-9	9	0.1	2	68