UM-SJTU Physics Laboratory Vp241
Data Sheet (Exercise 1)

Name: _____   Student ID: _____

Seat Number: _____

Group: _____   Date: _____

NOTICE. Please remember to show the data sheet to your instructor before leaving the laboratory. The data sheet will not be accepted if the data are recorded with pencil or modified by correction fluid/tape. If a mistake is made in recording a datum item, cancel the wrong value by drawing a fine line through it, record the correct value legibly, and ask your instructor to confirm the correction. Please remember to take a record of the precision of the instruments used.

You are required to hand in the original data with your lab report, so please keep the data sheet properly.

N_1				N_2			
R_1	$\pm$	[	]	R_2	$\pm$	[	]
L	$\pm$	[	]	S	$\pm$	[	]
				C	$\pm$	[	]

Table 1. Parameters of circuit components (*cf.* Figure 3).

U_{R_1} ($\pm$ [ ])						
U_C ($\pm$ [ ])						
U_{R_1} ($\pm$ [ ])						
U_C ($\pm$ [ ])						
U_{R_1} ($\pm$ [ ])						
U_C ($\pm$ [ ])						

Table 2. Oscilloscope–measured values of U_{R_1} and U_C in the circuit illustrated in Figure 3. Note: the uncertainties of U_{R_1} and U_C may be different because of different resolutions of the oscilloscope channnels.

Instructor's signature: _____

T ($\pm$ [ ])	U_{CD} ($\pm$ [ ])	T ($\pm$ [ ])	U_{CD} ($\pm$ [ ])

Table 3. Measurement of the Curie temperature with an AC bridge.

Instructor's signature: _____