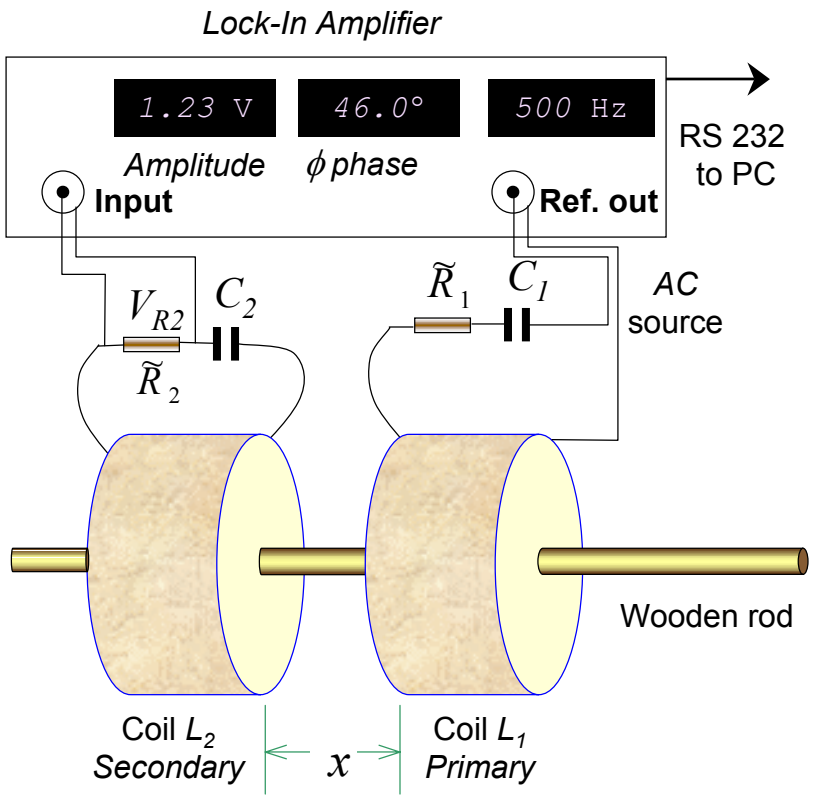
Lock-In Amplifier
1.23 V
46.0°
500 Hz
Amplitude
ϕ phase
Input
Ref. out
RS 232
to PC
V_{R2}
C_2
$\tilde{R}_2$
$\tilde{R}_1$
C_1
AC
source
Wooden rod
Coil L_2
Secondary
x
Coil L_1
Primary

Fig. 3