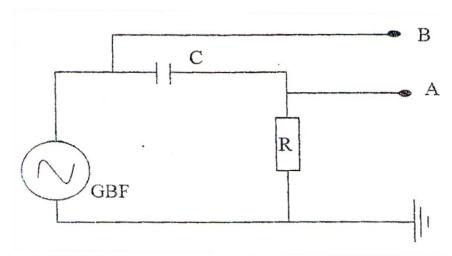
## Mohammed Khaidar University of Biskra

Group:  Date:		Members of Group:	<u>the</u>
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Practical Work Repo	rt 4: oscillosc	ope 2	
<ol> <li>Choose a 2V sinusoidal signal, use the chrothen the signal generator, and fill in the following.</li> </ol>	· ·		-
Frequency recorded on	200	1000	40
chronometer(Hz)			_
Time caliber used			
The length of the periodicity drawn on		l	
6 r r r r			
the screen (cm)			

## II. Experiment of measuring phase difference by direct method:

Fill in the table after installing the electrical circuit and adjusting the frequency of the generator by the chronometer to 100Hz and the resistance to  $R=1400\Omega$ .



10	5	1	0.5	0.1	C(µF)
	l				L(T(cm))
					$\delta t(cm)$
					$arphi_{exp}^0$
					$arphi_{th}^0$

How to fill the table?	

## III. Experiment with Phase Difference Measurement by Lesago Method:

1. Keep the same as the previous one and delete the time rule, and fill in the table

10	5	1	0.5	0.1	C(µF)
					AB
					ab
					$arphi_{exp}^{0}$
					$arphi_{th}^0$

2. How to fill the table?
3 .Comparison of experimental and theoretical results in each method:
Conclusion: