Mass of one nut $m_{nut} = \dots$	()					
Mass of the PVC rod $m_{PVC} = \dots$	()					
load suspended at the spring 1.1.		z () west po	osition	of the sp	ring
1.2. unknown mass + nut	S					
. Oscillations of a spring						
1. Determining the spring constan	t <i>k</i> based on	oscillat	ions			
load	time of	10	Т ()	k ()
	periods	()				
OPTIONAL TASK					m =	
UF HUNAL IASK						

NAME, GROUP:

working with:

MECHANICS

DATE:

2.2.	Examining how	the time	period	depends o	n the amplitude
------	----------------------	----------	--------	-----------	-----------------

amplitude ()	time of 10 periods ()
smallest		
medium		
largest		

2.3. OPTIONAL TASK: Damped oscillations

load	initial amplitude ()	time ()

3. The simple pendulum

Length of the string L =

Estimated error $\Delta L =$

3.1. Measuring the time period with small initial angle

3.2. Measuring the time period with increased initial angle

maxima	l angle	time of 10 periods
small		
medium		
large		

4. Torsion pendulum

Disc

	radius ()	mass ()
1.		
2.		
3.		

	T ()
box	
box + disc	
box +	
box +	
box +	