

Raw Data Sheet

Student Name: _____

Team members:

1.- _____ 2.- _____

3.- _____ 4.- _____

Instructor: _____

Kinematics

Record frequency of the sparks : _____ (Hz);

Time between indexed points : _____ (s);

Raw data: Displacement Components					Raw data: Displacement Components				
Index	XP 1	XP 2	XP 3		Index	XP 1	XP 2	XP 3	
0	Δx_i (cm)	Δy_i (cm)	Δx_i (cm)	Δy_i (cm)		Δx_i (cm)	Δy_i (cm)	Δx_i (cm)	Δy_i (cm)
1					11				
2					12				
3					13				
4					14				
5					15				
6					16				
7					17				
8					18				
9					19				
10					20				

Table 1: Components of the displacement vector between indexed positions for experiments 1, 2, and 3. That is, $\Delta x_i = x_i - x_{i-1}$, and $\Delta y_i = y_i - y_{i-1}$.