In the config.ini are the following sections: [MAIN], [ACCELEROMETER], [GYROSCOPE] and [GRAPH].

The MAIN section is for the configuration of the general constants. The following values can be specified:

Key	Description	Default value
$\max\_processes$	The maximum number of processes that can be used.	Number of processors on the PC.
$filenames$	The path where the files are stored. Ignored if $filenames\_auto$ is true.	
$filenames\_auto$	Whether the file names should be generated automatically. If true names and measurements must be given.	$true$
m	Mass of the spheres in kg.	$0.01496kg$
$measurements$	What series of measurements has been performed. Separated by a comma. Ignores if $filenames\_auto$ is false.	
$multi\_processing$	Whether multiprocessing should be applied.	$auto$
$names$	Name of the probes used. Separated by a comma. Ignores if $filenames\_auto$ is false.	
r	Radius of the spheres in m.	$0.02925m$
$save\_formatter$	In which format the output should be saved.	$1.2e$
$save\_output$	Whether to create a file with the calculated energies. Currently it should be set to false for more than one file	$false$

The ACCELEROMETER section for the configuration of the constant of the processing of the acceleration:

Key	Description	Default value
$degree\_of\_spline$	Degree of the smoothing spline or points for averaging in both directions. Must be an integer.	50
$error$	Value for error smoothing.	0.001
$g\_interfered$	Whether the measurement took place under the influence of gravity	$true$
in_g	Whether the measurement results are given in factors of g.	$true$
$integration\_mode$	Which integration mode to use.	a
$sensorpos$	Where the sensor position is in relation to the center point	$1.2, 7.4, 4.5$
$smoothes$	Positive smoothing factor.	0.8
$start\_velocity$	The starting speed of the sensors.	$0, 0, 0$
$trajectory$	Whether to generate the trajectory.	$false$

The GYROSCOPE section for the configuration of the constant of the processing of the rotation speed:

Key	Description	Default value
$degree\_of\_spline$	Degree of the smoothing spline or points for averaging in both directions. Must be an integer.	5
$error$	Value for error smoothing	0.001
in_grad	Whether the measurement results are given in degrees.	$true$
$integration\_mode$	Which integration mode to use.	s
$smoothes$	Positive smoothing factor.	0.8
$start\_rotation$	The starting rotation of the sensors.	$0, 0, 0$

The GRAPH section is for customizing the display properties of the created graphs:

Key	Description	Default value
do_graph	Whether graphs should be created.	$true$
$formatter$	How many digits are displayed on the xy(z)-axis.	$1.2e$
$save\_graph$	Whether to save the graphs.	$false$

The following options can be selected for $integration\_mode$.

Key	Description
a	Average with $\pm degree\_of\_spline$ values.
i	Simple interpolation.
s	1-D smoothing spline fit.