

CAN I MEASURE TIME USING THE FREQUENCY OF THE PENDULUM?

Time is a complex concept that can be defined as the measurement of the duration between two events. It is used to organise our daily lives and to explain natural phenomena in the universe. Time is usually measured by devices such as clocks and calendars, which use references such as the movement of stars or electronic vibrations to measure time intervals. However, understanding the nature of time has been a matter of debate among scientists and philosophers. Despite its complexity, time is a key concept that has a significant impact on our daily lives. It is used to plan appointments, holidays and daily tasks, and it is also an important element in many fields, such as science, meteorology and medicine. Ultimately, time is a concept that continues to be studied and understood, but remains a fundamental part of our understanding of reality.

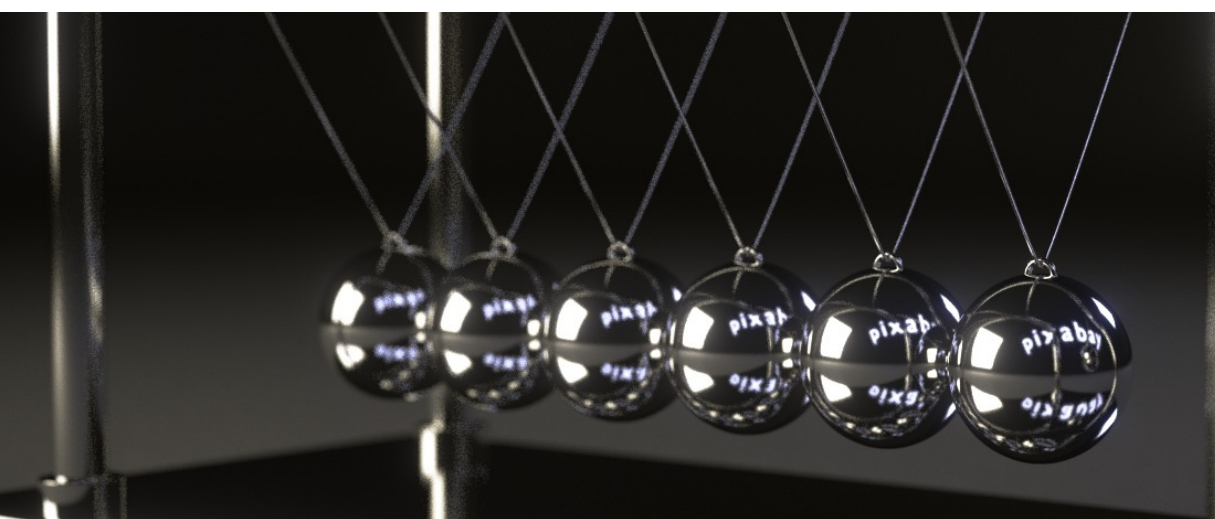
Can you develop a solution to measure time through the transformation of mechanical energy?



Name your team / Name of the participants:

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INVESTIGATION

Describe the steps needed to answer your hypothesis. You could use the following steps as a guide: collect the data and use sensors, display the data, make it accessible, analyse the data and conclude, use the data to propose one or more solutions.

Identify the knowledge mobilised during this phase, identify the learnings acquired, reflect on what you have gained as competencies, knowledge and skills.