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The experiment was conducted in a laboratory indoors. 1. Construction of the pendulum. We constructed the pendulum by attaching a inextensible string to a stand on one end and to a mass on the other end. The mass, string and stand were attached together with knots. We adjusted the knots so that the length of the pendulum was $\sqrt{1.0000\text{pm}0.0005}$...

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[\[Solved\] Need help finding the correct answers to the ...](#)

Part A In a physics laboratory experiment, a coil with 190 turns enclosing an area of 12.4 cm² is rotated during the time interval 4.40x10⁻² s from a position in which its plane is perpendicular to Earth's magnetic field to one in which its plane is parallel to the field. The magnitude of Earth's magnetic field at the lab location is 5.70x10⁻⁵ T.

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The Physics Classroom serves students, teachers and classrooms by providing classroom-ready resources that utilize an easy-to-understand language that makes learning interactive and multi-dimensional. Written by teachers for teachers and students, The Physics Classroom provides a wealth of resources that meets the varied needs of both students and teachers.

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[Physics Lab Experiments | LCGC](#)

This is the laboratory manual for the second course in the General Physics sequence. The course covers waves, electricity, and magnetism and is required of all students in science and engineering programs at Illinois Tech.

[Physics 221 Laboratory Manual | Illinois Institute of ...](#)

Location: Ms. Muzii's Physics Classroom ... Do as Galileo did in his famous experiments with inclined planes and call this average time interval one [natural] unit of time. Note that t1 is already listed as one [natural] unit in Column 4 of Table C. ... Conclusion: In this lab we measured the acceleration of a rolling ball down a ramp ...

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The aim of a lab course in the Advanced Physics Teaching Lab is: □ Learn physics by proper preparation for the experiments and by doing. □ Learn experimental techniques. All theories have to be proven by experiments and new discoveries mostly come from very advanced measurements.

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Blast a car out of a cannon, and challenge yourself to hit a target! Learn about projectile motion by firing various objects. Set parameters such as angle, initial speed, and mass. Explore vector representations, and add air resistance to investigate the factors that influence drag.

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