

**Answer on Question #51975-Physics-Other**

The instrument used for experimental determination of the value of the universal gravitational constant G is called

**Answer**

Cavendish balance.

Henry Cavendish performed an experiment to find the density of the Earth. Other scientists used his experimental setup to determine the value of G. The setup consisted of a torsion balance to attract lead balls together, measuring the torque on a wire and then equating it to the gravitational force between the balls.

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