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A student measures the current through an ohmic conductor and the potential difference (p.d.) across it at a constant temperature. The measurements are then used to plot a graph of current against p.d.

There is a systematic error in the current measurements.

How could the systematic error be identified from the graph?

A

The data points have a large scatter.

B

The graph is a curve instead of a straight line.

C

The line of best fit does not pass through the origin.

D

At least one anomalous data point can be identified.