

Answer on Question #55631 – Physics– Other

Question:

In an experiment to determine the coefficient of friction using the inclined plane, which of the following gives the coefficient of friction?

- A. Angle A plotted on the vertical axis against $\sin A$ on the horizontal
- B. $\sin A$ plotted on the vertical axis against $\cos A$ plotted on the horizontal axis
- C. $1/\sin A$ plotted on the vertical axis against $1/\cos A$ plotted on the horizontal axis
- D. $1/\cos A$ plotted on the vertical axis against $\sin A$ plotted on the horizontal axis

Answer:

- B. $\sin A$ plotted on the vertical axis against $\cos A$ plotted on the horizontal axis**