Question #94

In Question #85 we saw how a bicycle wheel gyroscope mounted on a pivot precesses when spun and released from a horizontal position. This week Gwen will hang one end of the gyroscope on a rope, as seen in the photograph below, and again release it.

![Photograph of a bicycle wheel gyroscope on a rope](image)

The question this week involves what the bicycle wheel gyroscope will do when it is released. It will be spun with the same rotational direction as the wheel in Question #85.

When the gyroscope is hung on the rope as pictured, spun as stated, and released, it will:

- (a) fall down as it did when it was not spinning.
- (b) remain in place where Gwen releases it.
- (c) rotate clockwise as viewed from above around the pivot.
- (d) rotate counterclockwise as viewed from above around the pivot.

Click here for Answer #94 after December 10, 2001.

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For questions and comments regarding the Question of the Week contact Dr. Richard E. Berg by e-mail or using phone number or regular mail address given on the Lecture-Demonstration Home Page.