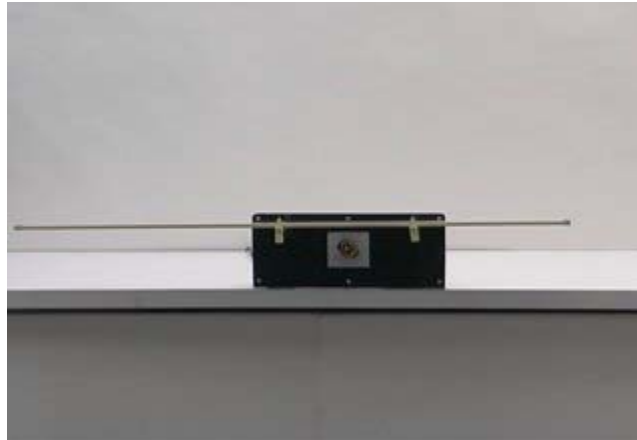


## Question #215

This question is a sort of follow-up to [Question #23](#). In Question #23 a meter stick is balanced asymmetrically on your two index fingers and your index fingers are then moved together. In this case, the meter stick will be balanced asymmetrically on two rods and the rods are then started into rotation. The apparatus is seen with the meter stick in its starting position in the figure below.



The meter stick is placed in position as shown, and the motor driver started, causing the supports to rotate at a few revolutions per second in the opposite sense from each other, as shown in the figure below (forces outward on the meter stick).



What will the meter stick do?:

- (a) It will fall off the right side.
- (b) It will fall off the left side.
- (c) It will remain balanced at that point.
- (d) Other (explain).

Click here for [Answer #215](#) after April 4, 2005.

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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](#).