

Question #88

We saw in the [Question 87](#) that a ball rolling on a platform that is rotating counterclockwise will appear to curve to the right when viewed by a camera in the rotating frame of reference. This is seen in an mpeg video by clicking your mouse on the photograph below.



This week the question is how this path appears when the situation is viewed by a camera attached to the fixed frame of reference in which the platform is rotating - a camera such as the one that took the picture above.

When the ball rolling on the rotating platform is viewed by a camera fixed to the floor (not rotating with the platform) the ball will:

- (a) roll straight.
- (b) curve to the right.
- (c) curve to the left.

Click here for [Answer #88](#) after October 29, 2001.

[Question of the Week](#)

[Outreach Index Page](#)

[Lecture-Demonstration Home Page](#)



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](#).