

A person sits on the edge of a gradius motorized turn table and is accelerating at at. The coefficient of static friction between them is Ms. The person is initially moving at y tangentially.

Which direction does Friction act?

At what speed does the person fall off? How many seconds pass before the person falls off?

N=mg F== ann=MN

VW=WN

V2 = V, + Q+ + → += (V2-V1)