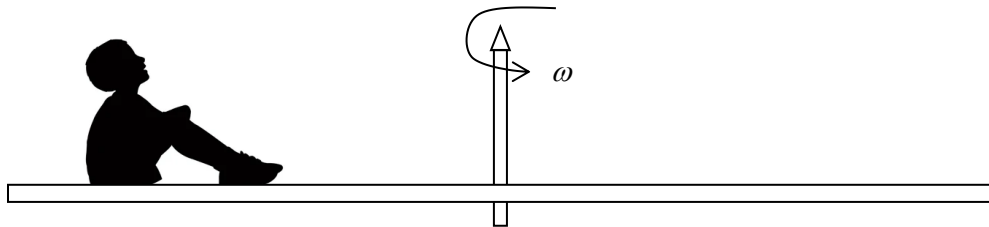


- 10 The diagram shows a child sitting on a merry-go-round, which is turning with constant angular velocity ω .



Which statement correctly states and explains the direction of friction acting on the child in the position shown?

- A Rightwards, to provide for centripetal force.
- B Rightwards, to counter centripetal force.
- C Leftwards, to provide for centripetal force
- D Leftwards, to counter centripetal force.