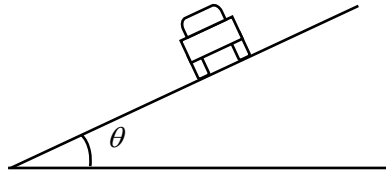


- 8 A section of highway which has a circular curve, is inclined at an angle  $\theta$  to the horizontal. When a car is moving at a particular speed  $v$ , no frictional force along the road is needed to navigate this bend.



Which of the following correctly describes the directions of the frictional forces on the car along the incline?

	when speed is below $v$	when speed is above $v$
<b>A</b>	upwards along the incline	upwards along the incline
<b>B</b>	upwards along the incline	downwards along the incline
<b>C</b>	downwards along the incline	downwards along the incline
<b>D</b>	downwards along the incline	upwards along the incline