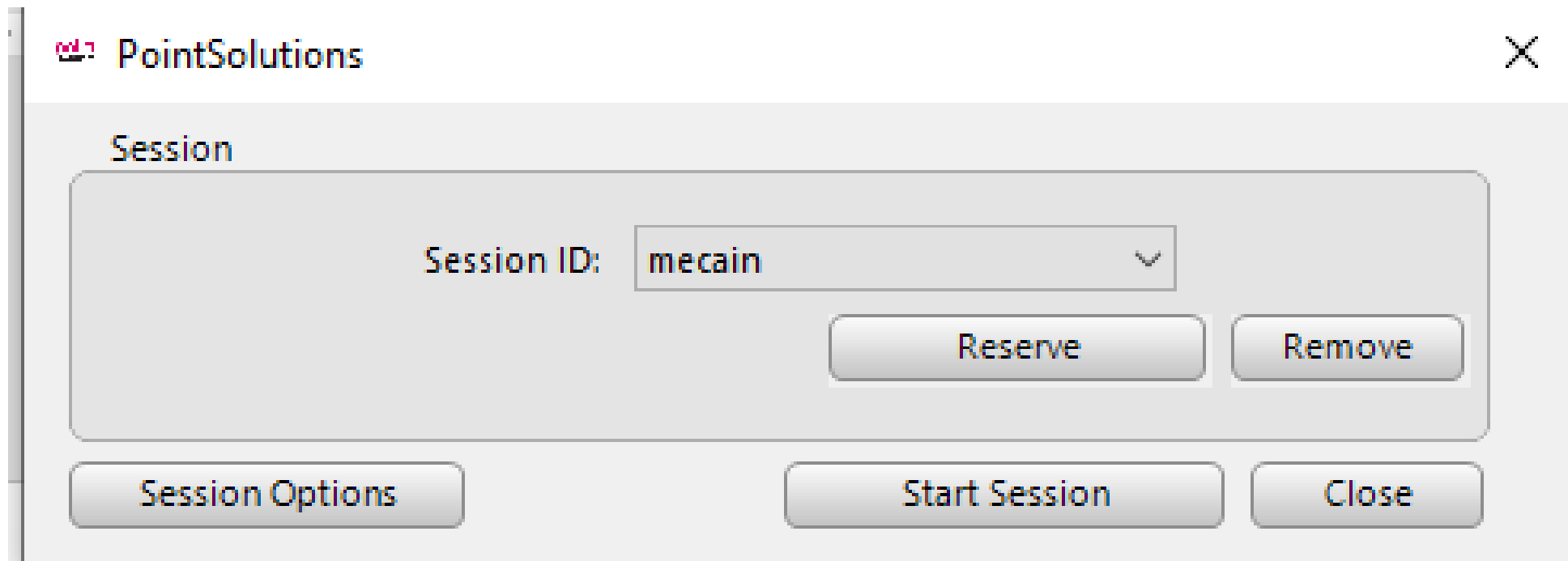


<https://participant.turningtechnologies.eu/en/join>



The screenshot shows a web application window titled "PointSolutions" with a close button (X) in the top right corner. The main content area is titled "Session" and contains a form for session management. The form includes a label "Session ID:" followed by a dropdown menu currently displaying "mecain". To the right of the dropdown are two buttons: "Reserve" and "Remove". Below the form, there are three buttons: "Session Options", "Start Session", and "Close".

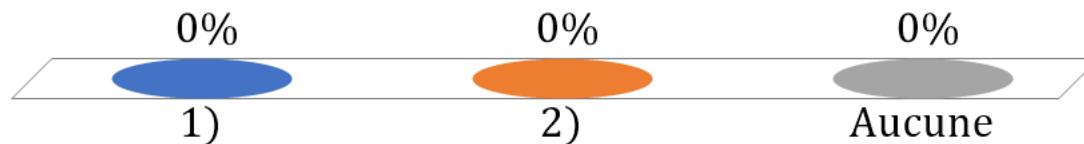
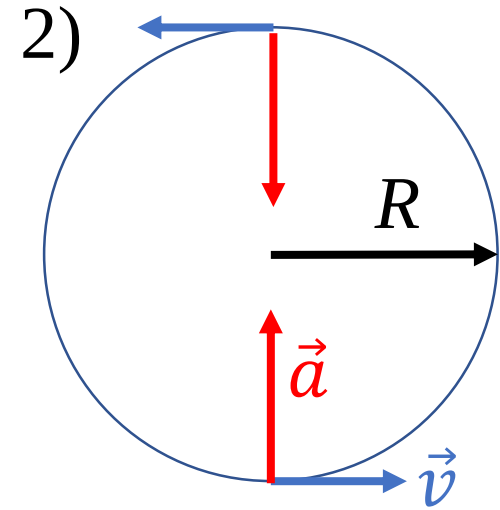
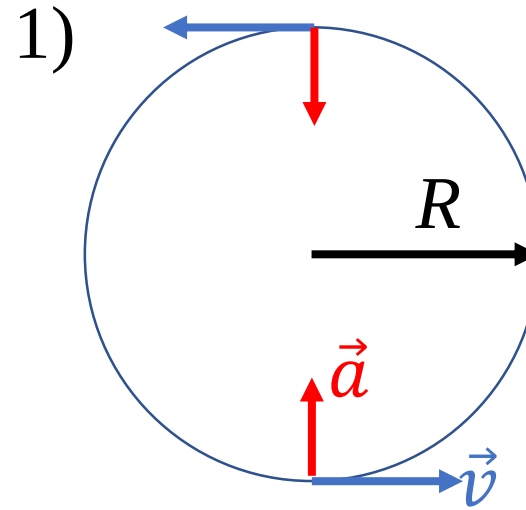
PointSolutions

Session

Session ID:

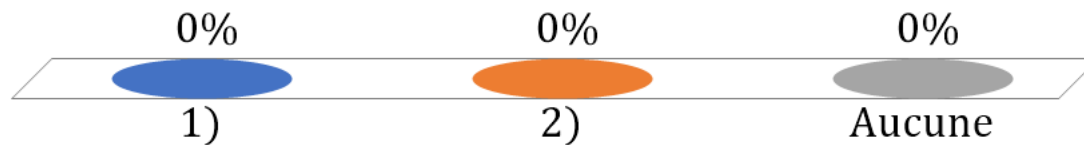
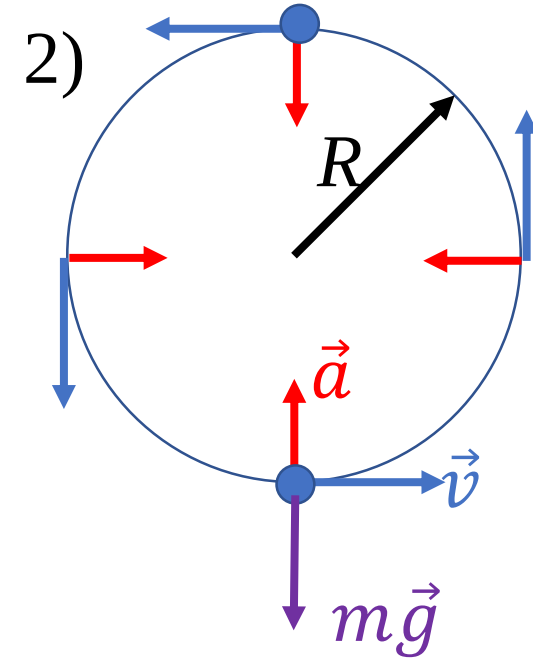
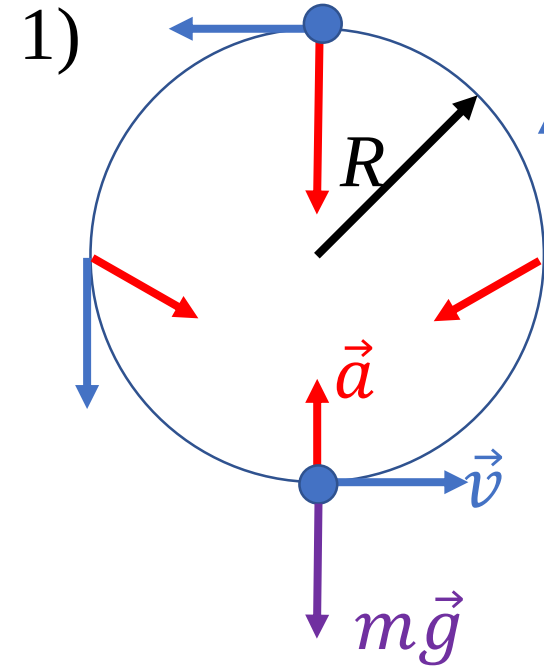
Un point matériel tourne à vitesse constante sur un rail horizontal: quelle situation est correcte si $|\vec{\omega}| = \frac{2}{3}R[s^{-1}]$ et $R = 1 [m]$?

- ✓ A. 1)
- B. 2)
- C. Aucune



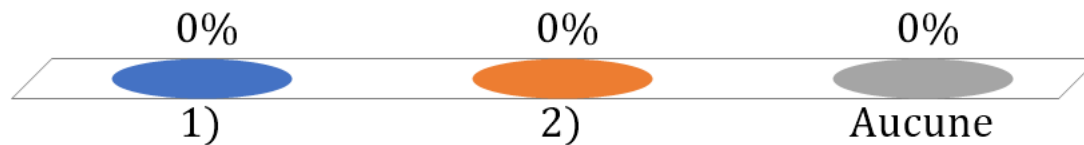
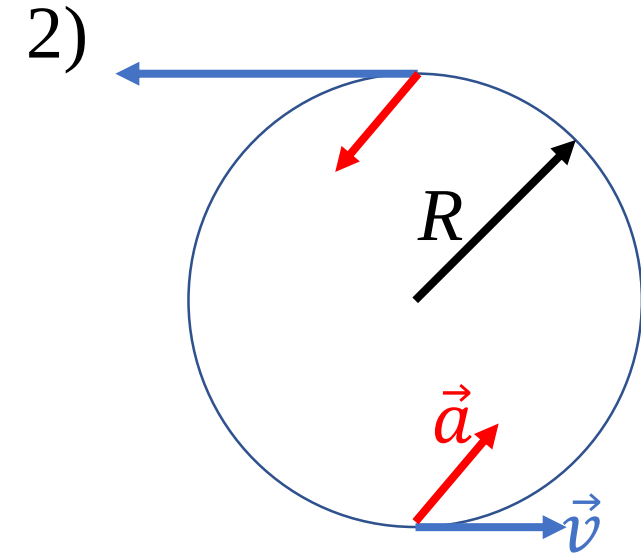
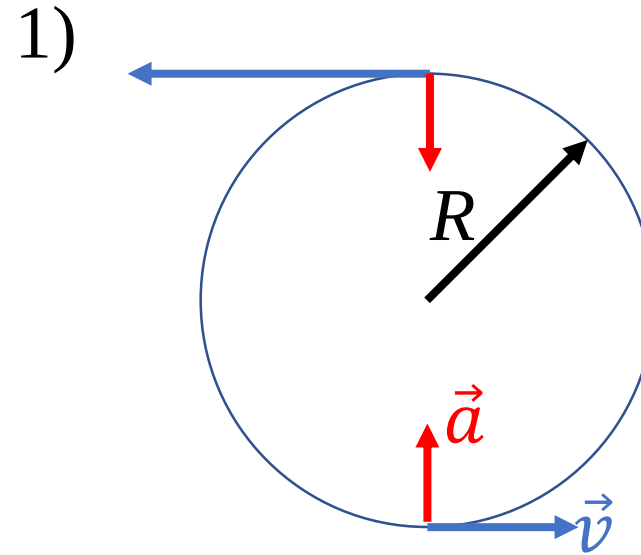
Un point matériel de masse m tourne à vitesse constante sur un rail vertical: quelle situation est correcte?

- A. 1)
- B. 2)
- C. Aucune



Un point matériel de masse m accéléré uniformément le long d'une circonférence verticale :
quelle situation est correcte?

- A. 1)
- B. 2)
- ✓ C. Aucune



Quel est le rayon de la circonférence décrite par un point de masse m , charge q et vitesse $\vec{v}$ dans un champ magnétique uniforme $\vec{B} \perp \vec{v}$ et donc soumis à la force de Lorentz $\vec{F} = q\vec{v} \wedge \vec{B}$?

- A. 1)
- B. 2)
- ✓ C. 3)
- D. Aucune

1)

$$R = \frac{mv}{B}$$

2)

$$R = \frac{mv^2}{qB}$$

3)

$$R = \frac{mv}{qB}$$

