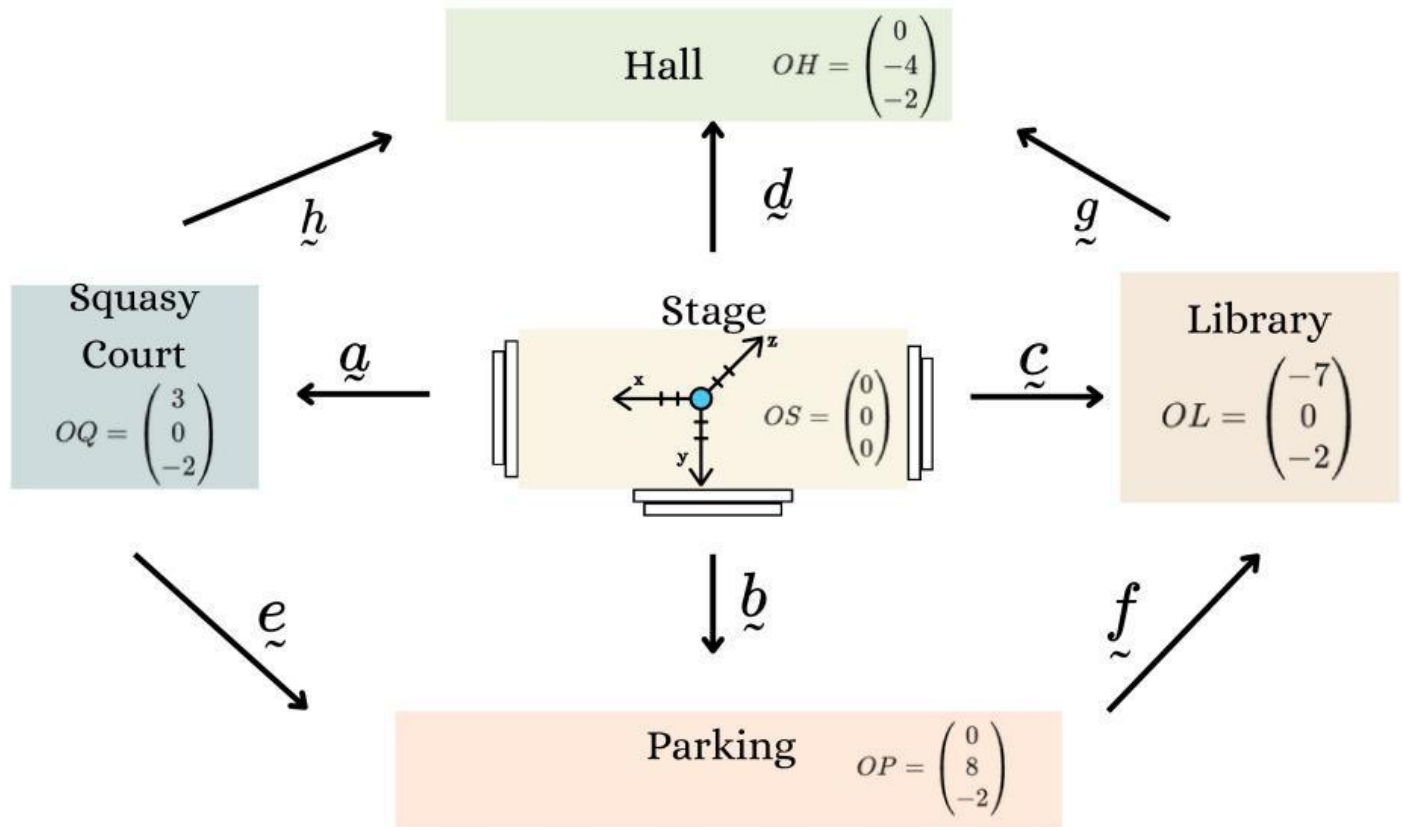


Instructions:

The Stage is defined as the origin $(0, 0, 0)$.

All surrounding buildings and locations are situated on the ground level, which is at an elevation of $z=-2$.

Using the official coordinates provided in the table below, calculate the direction vectors for the specified paths.

**Question 1:**

Find the direction vector $\vec{d}$ representing the path from the Stage to the Hall.

$$\vec{d} =$$

Question 2:

Find the direction vector $\vec{g}$ representing the path from the Library to the Hall.

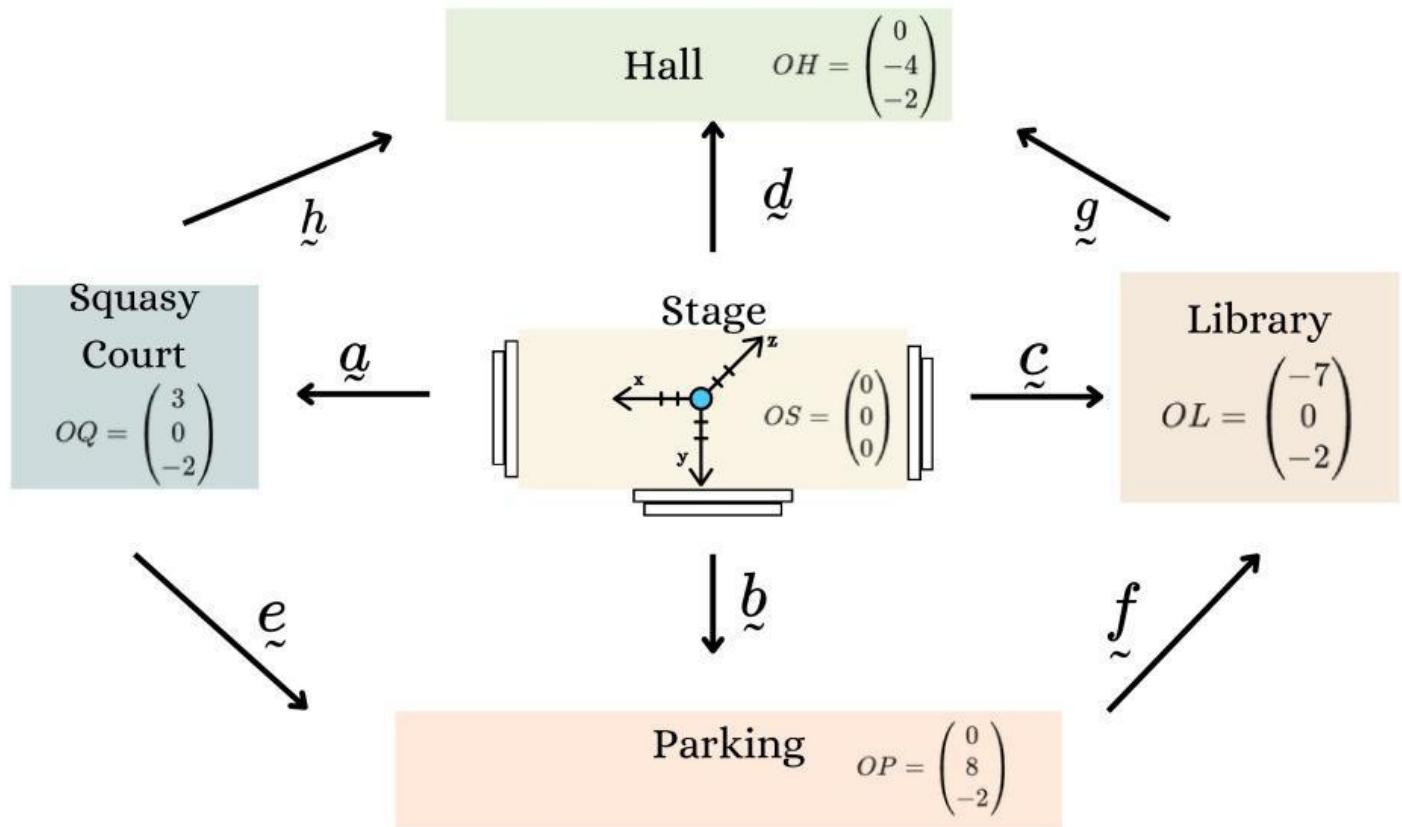
$$\vec{g} =$$

Instructions:

The Stage is defined as the origin $(0, 0, 0)$.

All surrounding buildings and locations are situated on the ground level, which is at an elevation of $z=-2$.

Using the official coordinates provided in the table below, calculate the direction vectors for the specified paths.

**Question 3:**

Find the direction vector $\vec{f}$ representing the path from the Parking to the Library.

$$\vec{f} =$$

Question 4:

Find the direction vector $\vec{h}$ representing the path from the Squasy Court to the Hall.

$$\vec{h} =$$