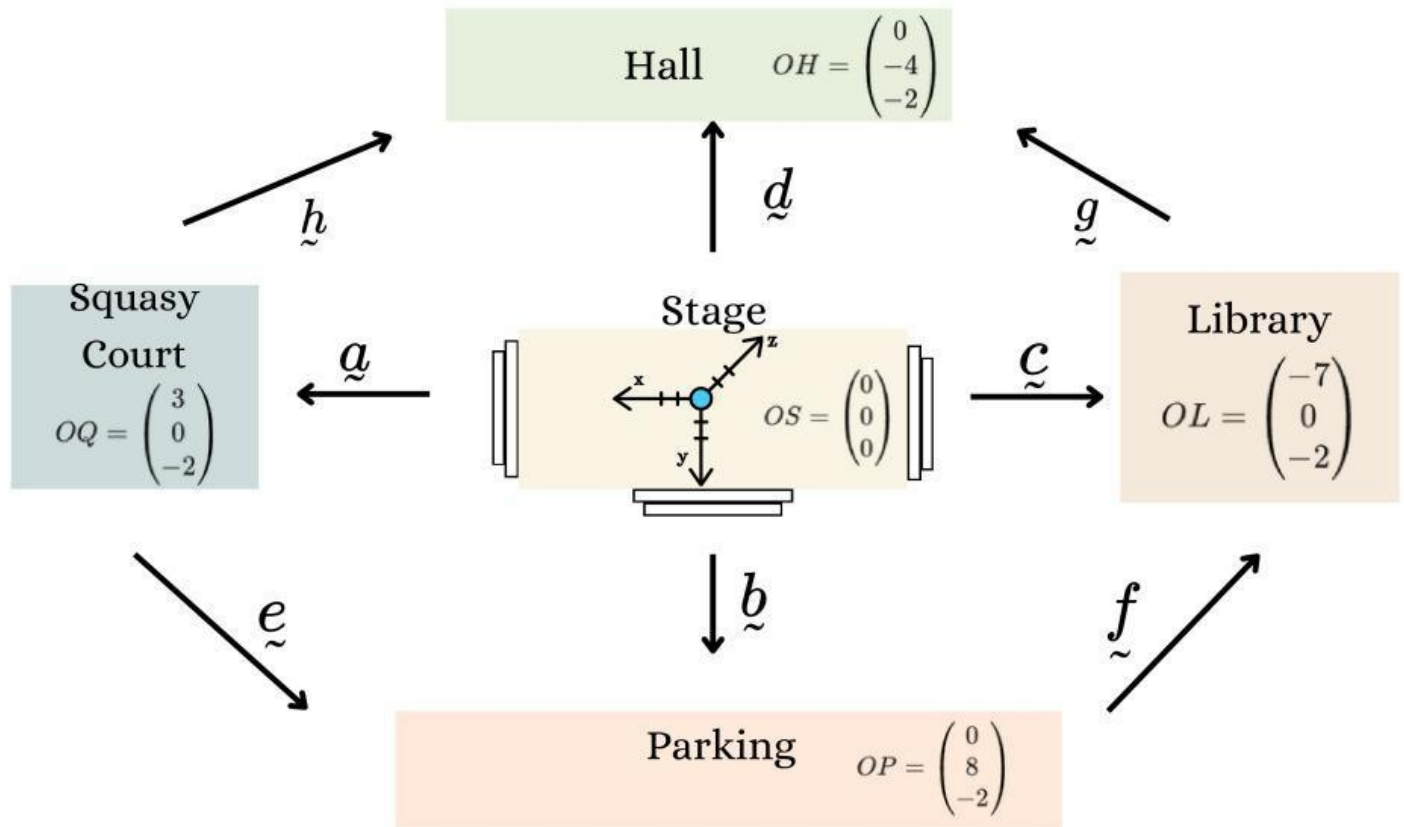


Instructions:

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 \underline{d} representing the path from the Stage to the Hall.

$$\underline{d} =$$

Question 2:

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

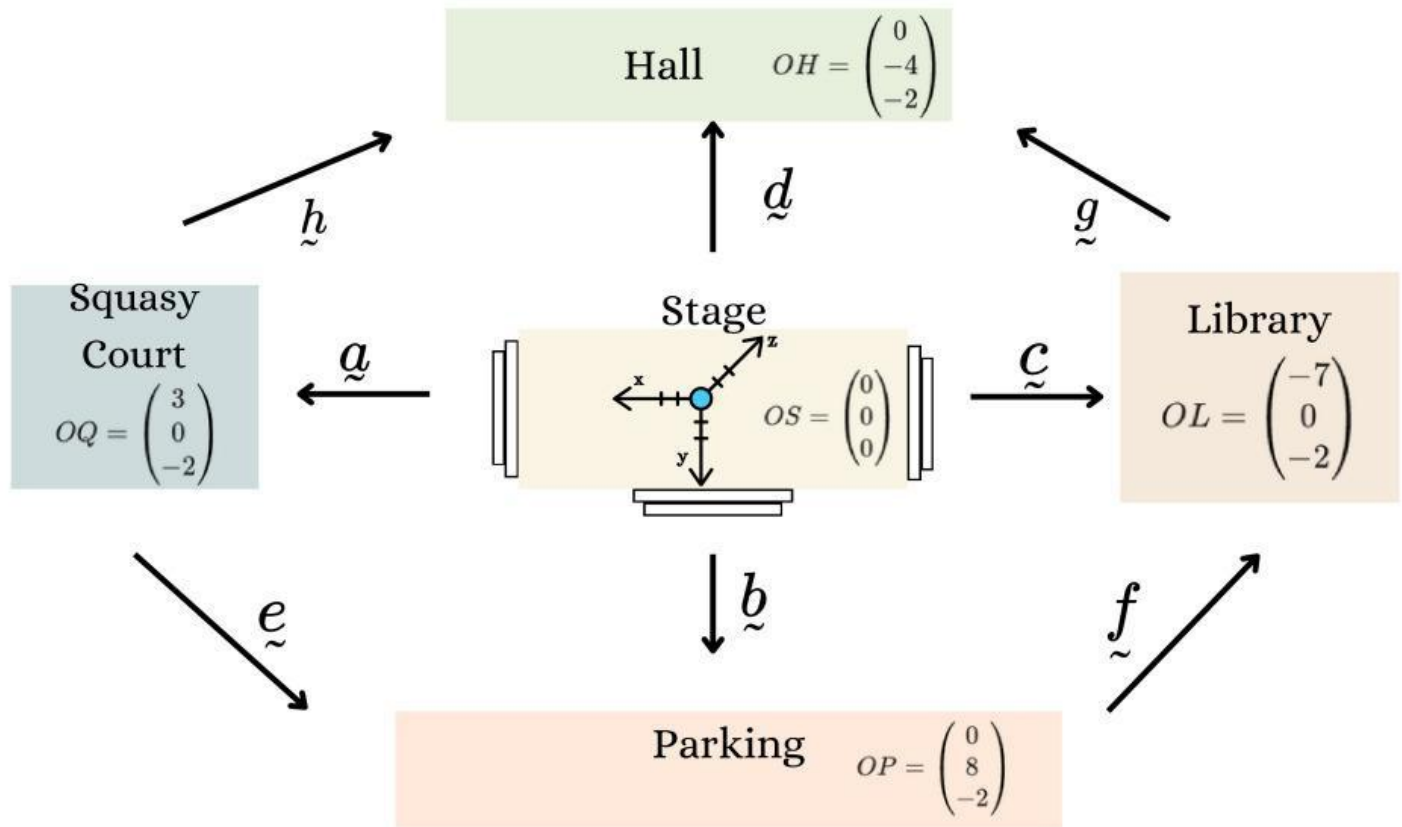
$$\underline{g} =$$

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 \underline{f} representing the path from the Parking to the Library.

$$\underline{f} =$$

Question 4:

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

$$\underline{h} =$$