Camera coordinates in world:

[[-0.64278761 -0.76604444 0. 2. ]

[ 0.71984631 -0.60402277 -0.34202014 2.47705772]

[ 0.26200263 -0.21984631 0.93969262 1.96575305]

[ 0. 0. 0. 1. ]]

World coordinates in camera:

[[-0.64278761 0.71984631 0.26200263 -1.01255811]

[-0.76604444 -0.60402277 -0.21984631 3.46045172]

[ 0. -0.34202014 0.93969262 -1. ]

[ 0. 0. 0. 1. ]]

Object position in the world space:

[[2.]

[3.]

[4.]

[1.]]

**Object position in the camera space:**

**[[ 0.90941612]**

**[-0.76309073]**

**[ 1.73271005]]**

A graph of a graph of a camera and a camera

Description automatically generated with medium confidence