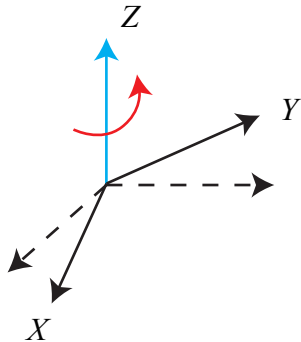
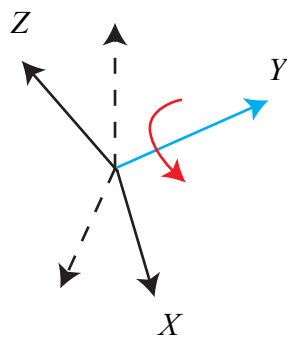


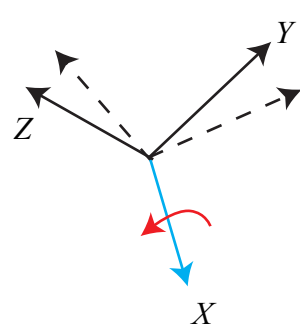
The original axes



First along Z axis

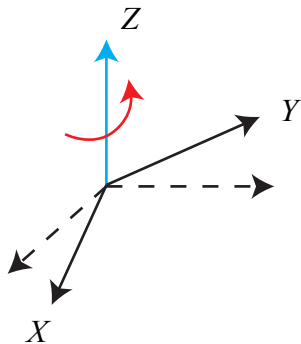


Second along rotated Y axis

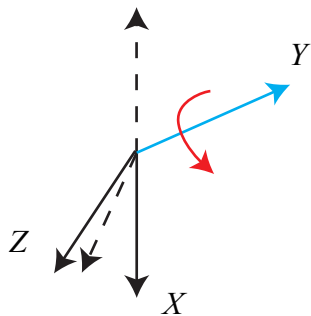


Finally along rotate X axis

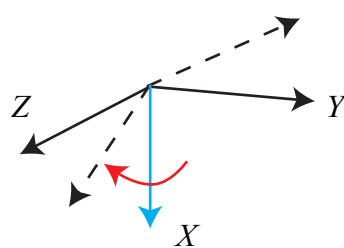
Gimbal Lock



First along Z axis



Pitch is 90 degree
X is rotated to -Z



The third rotation along X is same
to the original Z axis, losing DoF