D-H Parameter Values from Devon						
Joint Transition	θ	d	Value of d (mm)	a	Value of a (mm)	alpha (deg)
1-2	θ1	d1	336.55	---	---	-90
2-3	θ2 - 90deg	---	---	a2	434.46	-90
3-4	-90deg	d3	volt2deg	---	---	+90
4-5	θ4 - 90deg	d4	45.86	---	---	-90
5-6	θ5	---	---	a5	120.51	+90
6-7	θ6 + 90deg	d6	67.08	a6	39.52	-90
		Z-axis difference		X-axis difference		

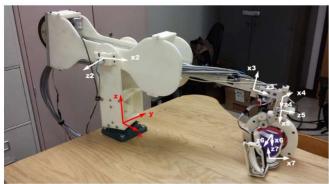| Variable	Name	Measurement
θ	joint angle	rotation about the z-axis betweedn two frames
d	link offset	translation along the z-axis between two frames
a	link length	measured distance along the x-axis between two frames
alpha	link twist	rotation about the x-axis between two frames

Figure 11: Movement frames for degrees of freedom (DOF) present in the orthosis. Full control of position and orientation is accomplished with 6 rotational DOF and 1 translational DOF.