4

 Congratulations! You passed! Grade received 100% To pass 80% or higher 	Go to next item
Which do we typically use to represent the C-space of a rigid body?	1/1 point
Explicit parametrization (minimum number of coordinates).	
Implicit representation.	
 Correct We use rotation matrices and transformation matrices, which use more variables subject to constrain elliminate singularities in the representation of orientation and to allow linear algebraic operations f important calculations. 	
 By the right-hand rule, which fingers of your right hand correspond to the x, y, and z axes of a coordinate fir respectively? 	rame, 1/1 point
Thumb, index, middle	
Middle, index, thumb	
 Index, middle, thumb 	
⊙ Correct	
 When your thumb points along an axis of rotation, positive rotation about the axis is defined by the directifingers curl if you use which thumb? 	ion your 1/1 point
Right thumb	
O Left thumb	
⊘ Correct	
4. When we refer to a frame attached to a moving body, we always consider a stationary frame [b], because	1/1 point
the motion of all other frames is expressed relative to {b}.	
 (b) is the stationary frame that is coincident (at a particular instant) with the frame attached to the mobody. 	oving