✓ **Congratulations! You passed!**

Grade received 100%   **To pass** 80% or higher

Go to next item

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1. 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 constraints, to eliminate singularities in the representation of orientation and to allow linear algebraic operations for important calculations.

2. By the right-hand rule, which fingers of your right hand correspond to the x, y, and z axes of a coordinate frame, respectively?   1 / 1 point

○ Thumb, index, middle

○ Middle, index, thumb

◉ Index, middle, thumb

✓ **Correct**