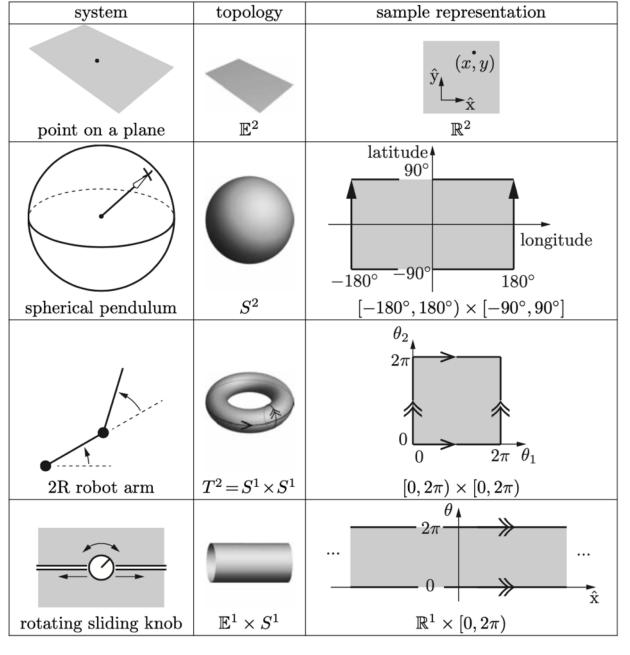
Chapter 2 Configuration Space

- 2.1 DOF of a Rigid Body
- 2.2 DOF of a Robot
- 2.3 C-space Topology and Representation

Chapter 3	Rigid-Body Motions
Chapter 4	Forward Kinematics
Chapter 5	Velocity Kinematics and Statics
Chapter 6	Inverse Kinematics
Chapter 7	Kinematics of Closed Chains
Chapter 8	Dynamics of Open Chains
Chapter 9	Trajectory Generation
Chapter 10	Motion Planning
Chapter 11	Robot Control
Chapter 12	Grasping and Manipulation
Chapter 13	Wheeled Mobile Robots

Important concepts, symbols, and equations

•	Two C-spaces may have the same dof but differ in other ways. The topology ("shape") of a space is independent of how we represent it.	/



Any value in an atlas of coordinate charts? An implicit representation?

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hexrotor with two 5-DOF arms

https://www.prodrone.com/archives/1420/

C-space topology, with and without arm joint limits, rotor angles? Implicit/explicit representations? Grübler's formula?



KUKA youBot mecanum-wheel omnidirectional base moving on flat ground plus 5-DOF robot arm + gripper C-space topology and representation? Include gripper, wheel angles?