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	Nota di contenuto	Introduction -- Attitude Dynamics -- Distributed Attitude Tracking Based on 3-Dimensional Attitude Representations -- Distributed Attitude Tracking on SO(3) Under Undirected Graphs -- Distributed Attitude Tracking on SO(3) Under Directed Graphs -- Leaderless Attitude Consensus on SO(3).
	Sommario/riassunto	This book mainly presents the authors' recent studies on the distributed attitude consensus of multiple flexible spacecraft. Modified Rodrigues parameters and rotation matrix are used to represent spacecraft attitude. Several distributed adaptive controllers are presented with theoretical analyses, numerical simulations and experimental verifications. The authors intend to provide a manual that allows researchers, engineers and students in the field of aerospace engineering and mechanics to learn a theoretical and practical approach to the design of attitude consensus algorithms.