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Autore	Lv Maolong
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Altri autori (Persone)	ZhangBoyang DuanHaibin ShiYuyuan ZhouChuhan
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Sommario/riassunto	This book focuses on the practical challenges in the process of UAV

cooperative control from three aspects: the first to satisfy the task requirement of convergence time for multi-UAV system, the second to fit the actual capability of transmission, computation and communication for multi-UAV system, the third to ensure safety in the presence of strong disturbances and DoS attack for multi-UAV system. In addition, this book presents the cooperative control design from inner-loop velocity and attitude tracking to outer-loop position motions of multiple UAVs. It offers readers with deep understanding and insights on reliability, adaptability and safety of multi-UAV system and the corresponding control designs. The advanced cooperative control methods presented in this book can provide guidelines for engineers to improve the reliability, adaptability and safety of aerospace engineering systems and some other related fields. This book is suitable for scientists and researchers, aerospace engineers, control engineers, lecturers and teachers, postgraduates, undergraduates in the system and control community, especially those engaged in the field of UAV cooperation and multi-agent systems.