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Descrizione fisica	1 online resource (xli, 805 pages) : illustrations
Collana	AIAA education series Designing unmanned aircraft systems
Altri autori (Persone)	GundlachJay <1975->
Disciplina	623.74/69
Soggetti	Drone aircraft - Control systems Micro air vehicles - Control systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Overview of unmanned aircraft systems Unmanned aircraft categories Initial unmanned-aircraft sizing Unmanned-aircraft geometry and configurations Aerodynamics Mass properties Structures Propulsion systems Flight performance Avionics, flight software, and subsystems Launch and recovery Communication systems Physics of remote sensing and in situ measurement Missions and payloads Mission systems integration Command, control, tasking, processing, exploitation, and dissemination Reliability, maintainability, supportability, and transportability System synthesis and mission effectiveness Cost analysis Product definition and requirements development