

1.	Record Nr.	UNICAMPANIAVAN0017886
	Autore	Bara, Bruno G.
	Titolo	La simulazione del comportamento : l'intelligenza artificiale : analisi e riproduzione di attività mentali umane / Bruno G. Bara
	Pubbl/distr/stampa	Milano, : Franco Angeli, [1977]
	Descrizione fisica	169 p. : ill. ; 22 cm.
	Disciplina	152
	Soggetti	Cibernetica Psicologia sperimentale - Saggi
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910299925703321
	Autore	Ng Tian Seng
	Titolo	Flight systems and control : a practical approach / / Tian Seng Ng
	Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
	ISBN	981-10-8721-0
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (xxiii, 241 pages) : illustrations (some color)
	Collana	Springer Aerospace Technology, , 1869-1730
	Disciplina	629.1326
	Soggetti	Aerospace engineering Algorithms Artificial intelligence Avionics Flight control Aerospace Technology and Astronautics Electronics and Microelectronics, Instrumentation Control Structures and Microprogramming Control and Systems Theory Computational Intelligence Circuits and Systems
	Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Flight Mechanics -- Navigational Modules -- Flight Simulator Systems -- Tandem Rotor Helicopter Control -- Unmanned Aerial Vehicle System -- Rotorcrafts -- Flight Instrumentation Acquisition -- Recent And Future Developments.
Sommario/riassunto	This book focuses on flight vehicles and their navigational systems, discussing different forms of flight structures and their control systems, from fixed wings to rotary crafts. Software simulation enables testing of the hardware without actual implementation, and the flight simulators, mechanics, glider development and navigation systems presented here are suitable for lab-based experimentation studies. It explores laboratory testing of flight navigational sensors, such as the magnetic, acceleration and Global Positioning System (GPS) units, and illustrates the six-axis inertial measurement unit (IMU) instrumentation as well as its data acquisition methodology. The book offers an introduction to the various unmanned aerial vehicle (UAV) systems and their accessories, including the linear quadratic regulator (LQR) method for controlling the rotorcraft. It also describes a Matrix Laboratory (MATLAB) control algorithm that simulates and runs the lab-based 3 degrees of freedom (DOF) helicopter, as well as LabVIEW software used to validate controller design and data acquisition. Lastly, the book explores future developments in aviation techniques.

3. Record Nr.	UNICAMPANIAVAN00274504
Titolo	2019-20 MATRIX Annals / David R. Wood ... [et al.] editor
Pubbl/distr/stampa	Cham, : Springer, 2021
Descrizione fisica	xliv, 803 p. : ill. ; 24 cm
Soggetti	00B25 - Proceedings of conferences of miscellaneous specific interest [MSC 2020] 14-XX - Algebraic geometry [MSC 2020] 18-XX - Category theory; homological algebra [MSC 2020] 35-XX - Partial differential equations [MSC 2020] 37-XX - Dynamical systems and ergodic theory [MSC 2020] 92-XX - Biology and other natural sciences [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia