

1. Record Nr.	UNINA9910717421003321
Autore	Loquercio Antonio
Titolo	Agile autonomy : learning high-speed vision-based flight / / Antonio Loquercio
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	9783031272882 9783031272875
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (69 pages)
Collana	Springer Tracts in Advanced Robotics, , 1610-742X ; ; 153
Disciplina	050
Soggetti	Autonomous robots
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1: Introduction -- 2: Contribution -- 3: Future Directions.
Sommario/riassunto	This book presents the astonishing potential of deep sensorimotor policies for agile vision-based quadrotor flight. Quadrotors are among the most agile and dynamic machines ever created. However, developing fully autonomous quadrotors that can approach or even outperform the agility of birds or human drone pilots with only onboard sensing and computing is challenging and still unsolved. Deep sensorimotor policies, generally trained in simulation, enable autonomous quadrotors to fly faster and more agile than what was possible before. While humans and birds still have the advantage over drones, the author shows the current research gaps and discusses possible future solutions.

2. Record Nr.	UNINA9910300588403321
Autore	Walker Stephen
Titolo	The Fair-Line and the Good Frontage : Surface and Effect / / by Stephen Walker
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Palgrave Macmillan, , 2018
ISBN	9789811079740 9811079749
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (147 pages)
Disciplina	725.76
Soggetti	Human geography Architecture Cities and towns - History Ethnology Culture Human Geography Urban History Regional Cultural Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book offers an extended consideration of the fairground showfront. It combines archival material, contemporary examples of fairs, and a sustained theoretical engagement with influential philosophies of surface, including recent work by Avrum Stroll and Andrew Benjamin, as well as the nineteenth century author Gottfried Semper. Semper's work on the origin of architectural enclosure -formed from woven mats and carpets- anticipates the surface and material history of the showfront. Initial chapters introduce these philosophies, the evolution of showfronts, and the ways in which individual fairground rides and attractions are arranged to form an enclosing boundary for the whole fair. Later chapters focus on issues of spectacle and illusion, vast 'interior' spaces, atmosphere, crowds and surface

effects. Informed by a wide range of work from other design and cultural studies, the book will be of interest to readers in these areas, as well as architecture and those curious about the fairground.
