Designing Purpose-Built Drones for Ardupilot Pixhawk 2.1: Build drones with Ardupilot (Paperback)

By Ty Audronis

Packt Publishing Limited, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Design and build land, air, and sea drones using Ardupilot with Pixhawk 2.1 Key Features Explore the best practices used by the top industry professionals that will not only help you build drones in time, but also build effective solutions to cater to. Navigate through the complexities of Ardupilot to put together a complete functional UAV and assemble your drone Learn through practical examples that help you build robust UAV flight and ground control components Book Description The Ardupilot platform is an application ecosystem that encompasses various OS projects for drone programming, flight control, and advanced functionalities.The Ardupilot platform supports many Comms and APIs, such as DroneKit, ROS, and MAVLink. It unites OS drone projects to provide a common codebase. With the help of this book, you will have the satisfaction of building a drone from scratch and exploring its many recreational uses (aerial photography, playing, aerial surveillance, and so on). This book helps individuals and communities build powerful UAVs for both personal and commercial purposes. You will learn to unleash the Ardupilot technology for building, monitoring, and controlling your...

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