



can go wrong and how best to avoid problems in the field.

Offering in-depth coverage of hybrid propulsion topics, energy storage systems and modelling, and supporting electrical systems, this book will be an invaluable resource for practising engineers and managers involved in all aspects of hybrid vehicle development, modelling, simulation and testing.

A common man's journey... YOUR ROAD MAP TO ACHIEVING FINANCIAL FREEDOM AND LIVING YOUR DREAMS Financial freedom is not defined by your net worth or your social status. It does not matter how much you earn - what matters is how much you can save and invest wisely. The secret to financial freedom is learning the basic concepts of planning well and adopting the right attitude. But how does one achieve this? Written by a common man for the common man, this book will help you lead a financially independent and conscious life. Everyone around us is trapped in a mindless rat race. If you've resolved to take control of your finances and construct a personal finance plan, *From the Rat Race to Financial Freedom* is a good starting point.

Multi-rotor Platform Based UAV Systems provides an excellent opportunity for experiential learning, capability augmentation and confidence-building for senior level undergraduates, entry-level graduates, engineers working in government agencies, and industry involved in UAV R&D. Topics in this book include an introduction to VTOL multi-copter UAV platforms, UAV system architecture, integration in the national airspace, including UAV classification and associated missions, regulation and safety, certification and air traffic management, integrated mission planning, including autonomous fault tolerant path planning and vision based auto landing systems, flight mechanics and stability, dynamic modeling and flight controller development. Other topics covered include sense, detect and avoid systems, flight testing, including safety assessment instrumentation and data acquisition telemetry, synchronization data fusion, the geo-location of identified targets, and much more. Provides an excellent opportunity for experiential learning, capability augmentation and confidence building for senior level undergraduates, entry-level graduates and engineers working in government, and industry involved in UAV R&D Includes MATLAB/SIMULINK computational tools and off-the-shelf hardware implementation tutorials Offers a student centered approach Provides a quick and efficient means to conceptualize, design, synthesize and analyze using modeling and simulations Offers international perspective and appeal for engineering students and professionals

This book is where your adventures with Bluetooth LE begin. You'll start your journey by getting familiar with your hardware options: Arduino, BLE modules, computers (including Raspberry Pi!), and mobile phones. From there, you'll write code and wire circuits to connect off-the-shelf sensors, and even go all the way to writing your own Bluetooth Services. Along the way you'll look at lightbulbs, locks, and Apple's iBeacon technology, as well as get an understanding of Bluetooth security-- both how to beat other people's security, and how to make your hardware secure.

When it was completed in 1911, the Goldman & Salatsch Building in Vienna, commonly known as the Looshaus, incited controversy for its austerity and plainness. It represented a stark rejection of the contemporary preference for ornamentation, though its architect, Adolf Loos (1870-1933), had intended it to preserve Viennese tradition within a new modernist language. The heated debate that ensued among critics and the public set the project apart, distinguishing it as one of the most important and contentious buildings of the early 20th century. In celebration of the Looshaus's centennial year, Christopher Long, a leading authority on Viennese architectural history, brings to light extensive new research and careful analysis that dispel long-held myths about Loos, his building, and its critical reception. The book, which features new color photography and a vast array of archival materials in print for the first time, tells the remarkable story of the Looshaus's design and construction, the political and social restlessness it reflected, and the building's fundamental role in defining the look of modernism.

Master storyteller Diana Wynne Jones presents a riveting collection of unpredictable tales, including: A cat tells how the kindhearted wizard she owns is suddenly called upon to defeat a horrific Beast. When Anne has mumps, her drawings come to life, and she must protect her home from them. Four children become involved in the intrigue surrounding an innocent prince, an evil count, and a brave outlaw. These fifteen stories and one novella will enchant, startle, and surprise!

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