Starting from classical systems in the automobile, the reader is given a systemic view of modern motor vehicles. In addition to the pure basic functionality of automotive vehicle basic propulsion, dispulsion, conversion and suspension systems is required.

In addition, the book with the given models provides a basis for the practical application in the area of simulation technology and thus for a systematic approach to understanding the behavior of the vehicle in various situations. The book provides a comprehensive overview of the area of automotive mechanical systems and serves as a tool for system designers.

The book provides a comprehensive overview of the area of automotive mechanical systems and serves as a tool for system designers. It covers a wide range of topics, from the fundamentals of automotive systems to advanced topics in simulation and design. The book is written in a clear and concise style, making it accessible to both students and professionals in the field.

The book is divided into several sections, each covering a specific aspect of automotive systems. Section One provides an introduction to the field and covers the basic principles of automotive systems. Section Two covers the fundamentals of automotive systems, including chassis, braking, steering, suspension, and drivetrain. Section Three covers advanced topics in simulation and design, including modeling, simulation, and optimization.

The book is written in a clear and concise style, making it accessible to both students and professionals in the field. It is an excellent resource for anyone interested in automotive systems, whether they are new to the field or have years of experience. It is also an excellent choice for anyone looking to update their knowledge of automotive systems.