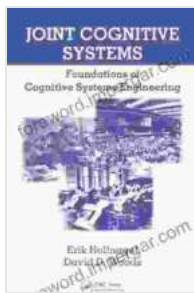


# Joint Cognitive Systems: Foundations of Cognitive Systems Engineering

Cognitive systems engineering is a rapidly growing field that is concerned with the design, development, and evaluation of systems that interact with humans. These systems can range from simple user interfaces to complex autonomous systems.



## Joint Cognitive Systems: Foundations of Cognitive Systems Engineering by Erik Hollnagel

★★★★★ 5 out of 5

Language : English

File size : 6092 KB

Print length : 240 pages



The goal of cognitive systems engineering is to create systems that are safe, effective, and easy to use. To achieve this goal, cognitive systems engineers must have a deep understanding of human cognition and behavior.

This book provides a comprehensive to the theory and practice of cognitive systems engineering. It draws on insights from a variety of disciplines, including cognitive science, computer science, and systems engineering.

## The Theory of Cognitive Systems

The first part of the book introduces the theoretical foundations of cognitive systems engineering. This includes a discussion of the following topics:

- \* The nature of human cognition
- \* The principles of cognitive systems design
- \* The evaluation of cognitive systems

## **The Practice of Cognitive Systems Engineering**

The second part of the book focuses on the practical aspects of cognitive systems engineering. This includes a discussion of the following topics:

- \* The design of user interfaces
- \* The development of autonomous systems
- \* The evaluation of cognitive systems in the field

## **Case Studies**

The third part of the book presents a series of case studies that illustrate the application of cognitive systems engineering principles in real-world settings. These case studies cover a wide range of topics, including:

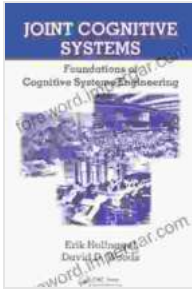
- \* The design of a medical user interface
- \* The development of an autonomous vehicle
- \* The evaluation of a cognitive system in the field

This book provides a comprehensive to the theory and practice of cognitive systems engineering. It is an essential resource for anyone who is interested in designing, developing, or evaluating systems that interact with humans.

## **Joint Cognitive Systems: Foundations of Cognitive Systems Engineering** by Erik Hollnagel

★★★★★ 5 out of 5

Language : English



File size : 6092 KB  
Print length : 240 pages



## Unlock the Secrets to Nurturing Highly Successful Individuals: A Comprehensive Guide for Parents and Educators

In a rapidly evolving world where success is constantly redefined, it has become imperative for parents and educators to equip the next generation with the skills,...



## The Fall of the Hellenistic Kingdoms 250-31 BC: A Captivating Journey Through the Decline and Fall of Ancient Empires

Unraveling the Enigmatic Decline of Ancient Empires Step into the captivating world of the Hellenistic Kingdoms and embark on a...