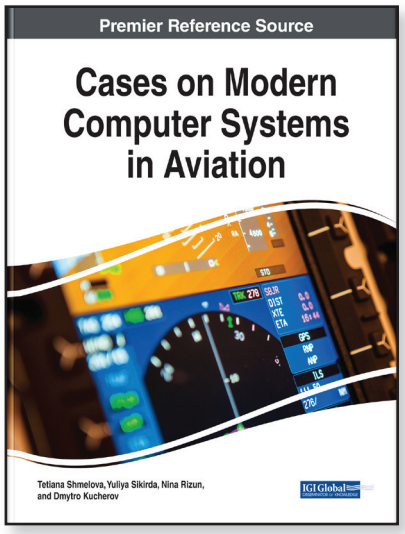
Cases on Modern Computer Systems in Aviation



Part of the Advances in Computer and Electrical Engineering Book Series

Tetiana Shmelova (National Aviation University, Ukraine), Yuliya Sikirda (National Aviation University, Ukraine), Nina Rizun (Gdansk University of Technology, Poland) and Dmytro Kucherov (National Aviation University, Ukraine)

Description:

Because trainees need to learn about the underlying technologies to use automation safely and efficiently, the development of automated aviation systems training is a growing challenge. Task analysis has been singled out as the basis of the training, but it can be more time-consuming than traditional development techniques.

Cases on Modern Computer Systems in Aviation is an essential reference source that covers new information technology use in aviation systems to streamline the cybersecurity, decision-making, planning, and design processes within the aviation industry. Featuring coverage on a broad range of topics such as computer systems in aviation, artificial intelligence, software-defined networking (SDN), air navigation systems, decision support systems (DSS), and more, this publication is ideally designed for aviation specialists and industry professionals, technicians, practitioners, researchers, and academicians seeking current research on modern modeling approaches to streamline management in aviation.

ISBN: 9781522575887 **Release Date:** April, 2019 **Copyright:** 2019 **Pages:** 488

Topics Covered:

- Air Navigation Systems
- Artificial Intelligence
- Computer Systems in Aviation
- Cybersecurity
- Decision Support Systems (DSS)
- Eye Tracking Technology
- Multiprocessor Computer Systems
- Operator Decision Making
- Software-Defined Networking (SDN)
- Task Analysis

Hardcover: $225.00
E-Book: $225.00
Hardcover + E-Book: $270.00

Order Information
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com
Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA

IGI Global
DISSEMINATOR OF KNOWLEDGE