The third volume in the Integrated Vehicle Health Management (IVHM) series, this book focuses on the technology that actually supports the implementation of IVHM in real-life situations.


Written collaboratively by twenty-seven authors of various backgrounds, Integrated Vehicle Health Management: The Technology addresses in depth the following areas:

- Sensors, instrumentation and signal processing
- Fault detection and diagnostics
- Prognostics and metrics
- Architecture
- Data management
- Vehicle-level reasoning systems
- Systems design
- Applications and disruptive technologies

Directed at industry professionals as well as researchers and students, Integrated Vehicle Health Management: The Technology is a must-have for those interested in this new, exciting field.

About the Editor

Ian K. Jennions is Professor of IVHM and Director of the IVHM Centre, Cranfield University, UK. His impressive career spans over 30 years. Having held senior positions at Rolls-Royce, ABB, and GE, his extensive background involves work on aerodynamics (CFD), heat transfer, combustion, mechanical design, and IVHM specifically related to gas turbine applications. In July of 2008, he joined Cranfield University to lead the newly formed IVHM Centre, contributing to both its educational and industrially focused research aspirations.
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