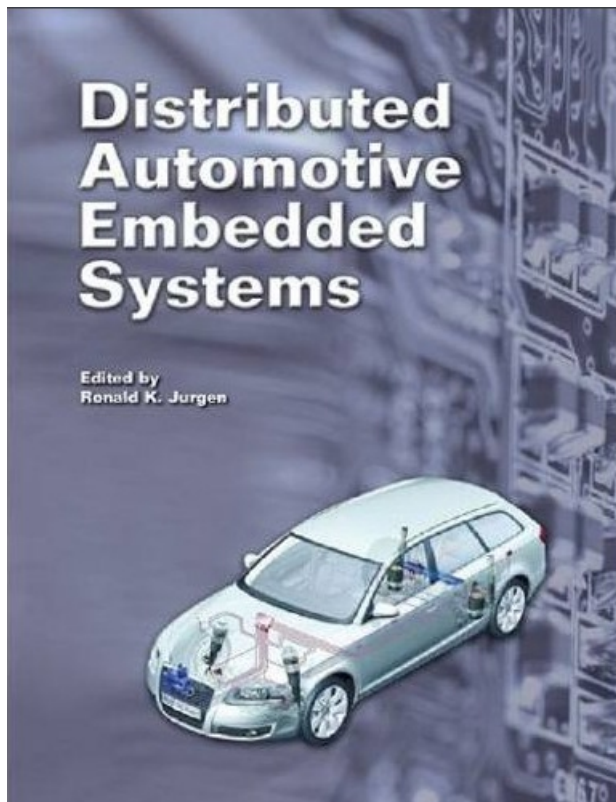


Distributed Automotive Embedded Systems



Automotive embedded systems are distributed throughout modern vehicles using multiple vehicle networks partitioned across a variety of different electronic modules. As more complex control systems are used in automobiles, more distributed automotive embedded systems will be needed.

The 782-pages book contains 88 papers covering the past seven years (2001-2007) of research on the varying aspects of distributed automotive embedded systems. Topics covered include:

- Controller design and development
- Software design and development
- Communication networks and systems
- Model-based hardware and software network developments
- System testing and diagnostics
- Implementation examples

The book also includes editor's introduction ("Distributed Embedded Systems: The Key to Future Automotive Electronics") and a concluding section on the trends impacting future distributed embedded systems in automotive applications.