

# SYSTEM HEALTH MANAGEMENT

### with Aerospace Applications

Editors

STEPHEN B. JOHNSON • THOMAS GORMLEY SETH S. KESSLER • CHARLES MOTT • ANN PATTERSON-HINE KARL REICHARD • PHILIP A. SCANDURA Jr.



# SYSTEM HEALTH MANAGEMENT

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This book is dedicated to Joan Pallix, a pioneer in our field. Joan's ingenuity brought many of us together to develop early demonstrations of system health management technologies for the Space Shuttle Thermal Protection System, and her trailblazing approach provided a key foundation of the System Health Management process that we describe herein. Her dedication, originality, and technical expertise earned the respect of the System Health Management community.

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