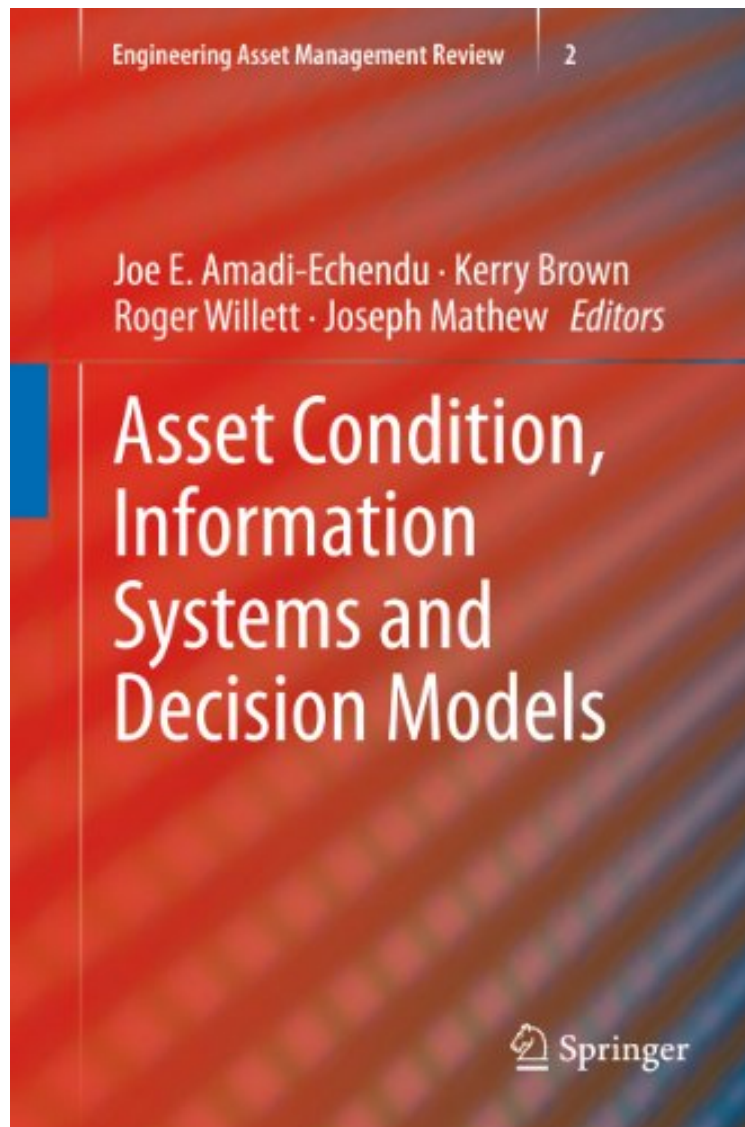


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Asset Condition, Information Systems and Decision Models, is the second volume of the Engineering Asset Management Review Series. The manuscripts provide examples of implementations of asset information systems as well as some practical applications of condition data for diagnostics and prognostics. The increasing trend is towards prognostics rather than diagnostics, hence the need for assessment and decision models that promote the conversion of condition data into prognostic information to improve life-cycle planning for engineered assets. The research papers included here serve to support the on-going development of Condition Monitoring standards. This volume comprises selected papers from the 1st, 2nd, and 3rd World Congresses on Engineering Asset Management, which were convened under the auspices of ISEAM in collaboration with a number of organisations, including CIEAM Australia, Asset Management Council Australia, BINDT UK, and Chinese Academy of Sciences, Beijing University of Chemical Technology, China. Asset Condition, Information Systems and Decision Models will be of particular interest to finance, maintenance, and operations personnel whose roles directly affect the capability value of engineering asset base, as well as asset managers in both industry and government.

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Joseph Mathew is the Chief Executive Officer of the Cooperative Research Centre in Integrated Engineering Asset Management (CIEAM) located Brisbane, Australia. He was previously Queensland University of Technology's Head of School of Mechanical, Manufacturing and Medical Engineering, and Monash University's Professor of Manufacturing and Industrial Engineering. He has also served as Executive Director of Monash's Centre for Machine Condition Monitoring from 1993-1997. He has presented numerous invited lectures and addresses to professional societies and industrial organisations on engineering asset management, machine condition monitoring, and vibrations and noise control. He serves as Chairman of the Board of the International Society of Engineering Asset Management (ISEAM), Chairman of the ISO's subcommittee ISO/TC 108/SC 5 on Condition Monitoring and Diagnostics of Machines and as General Chair for the World Congress on Engineering Asset Management (WCEAM).

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