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## Structural health monitoring of civil infrastructure systems

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Structural health monitoring is an extremely important methodology in evaluating the 'health' of a structure by assessing the level of deterioration and remaining service life of civil infrastructure systems. This book reviews key developments in research, technologies and applications in this area of civil engineering. It discusses ways of obtaining and analysing data, sensor technologies and methods of sensing changes in structural performance characteristics. It also discusses data transmission and the application of both individual technologies and entire systems to bridges and buildings.

With its distinguished editors and international team of contributors, Structural health monitoring of civil infrastructure system will be a valuable resource for students in civil and structural engineering programmes as well as those studying sensors, data analysis and transmission at universities. It will also be an important source of information for civil engineers and designers in practice, engineers and researchers developing sensors, network systems and methods of data transmission and analysis, policy makers, inspectors and those responsible for the safety and service life of civil infrastructure.

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