

1. Record Nr.	UNINA9910143582203321
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Titolo	Ambient vibration monitoring [[electronic resource] /] / Helmut Wenzel, Dieter Pichler
Pubbl/distr/stampa	Chichester, England, : John Wiley, 2005
ISBN	1-280-28756-X 9786610287567 0-470-02457-7 0-470-02431-3
Descrizione fisica	1 online resource (309 p.)
Altri autori (Persone)	PichlerDieter
Disciplina	620.3 624.2/52 624.252
Soggetti	Bridges - Vibration Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	AMBIENT VIBRATION MONITORING; Contents; PREFACE; ACKNOWLEDGEMENTS; SUMMARY; 1 INTRODUCTION; 1.1 Scope of Applications; 1.2 Laws and Regulations; 1.3 Theories on the Development of the AVM; 2 OBJECTIVES OF APPLICATIONS; 2.1 System Identification; 2.1.1 Eigenfrequencies and Mode Shapes; 2.1.2 Damping; 2.1.3 Deformations and Displacements; 2.1.4 Vibration Intensity; 2.1.5 Trend Cards; 2.2 Stress Test; 2.2.1 Determination of Static and Dynamic Stresses; 2.2.2 Determination of the Vibration Elements; 2.2.3 Stress of Individual Structural Members; 2.2.4 Determination of Forces in Tendons and Cables 2.3 Assessment of Stresses2.3.1 Structural Safety; 2.3.2 Structural Member Safety; 2.3.3 Maintenance Requirements and Intervals; 2.3.4 Remaining Operational Lifetime; 2.4 Load Observation (Determination of External Influences); 2.4.1 Load Collective; 2.4.2 Stress Characteristic; 2.4.3 Verification of Load Models; 2.4.4 Determination of Environmental Influences; 2.4.5 Determination of Specific Measures; 2.4.6 Check on the Success of Rehabilitation Measures; 2.4.7 Dynamic

Effects on Cables and Tendons; 2.4.8 Parametric Excitation; 2.5 Monitoring of the Condition of Structures
2.5.1 Assessment of Individual Objects 2.5.2 Periodic Monitoring; 2.5.3 BRIMOS® Recorder; 2.5.4 Permanent Monitoring; 2.5.5 Subsequent Measures; 2.6 Application of Ambient Vibration Testing to Structures for Railways; 2.6.1 Sleepers; 2.6.2 Noise and Vibration Problems; 2.7 Limitations; 2.7.1 Limits of Measuring Technology; 2.7.2 Limits of Application; 2.7.3 Limits of Analysis; 2.7.4 Perspectives; References; 3 FEEDBACK FROM MONITORING TO BRIDGE DESIGN; 3.1 Economic Background; 3.2 Lessons Learned; 3.2.1 Conservative Design; 3.2.2 External versus Internal Pre-stressing
3.2.3 Influence of Temperature 3.2.4 Displacement; 3.2.5 Large Bridges versus Small Bridges; 3.2.6 Vibration Intensities; 3.2.7 Damping Values of New Composite Bridges; 3.2.8 Value of Patterns; 3.2.9 Understanding of Behaviour; 3.2.10 Dynamic Factors; References; 4 PRACTICAL MEASURING METHODS; 4.1 Execution of Measuring; 4.1.1 Test Planning; 4.1.2 Levelling of the Sensors; 4.1.3 Measuring the Structure; 4.2 Dynamic Analysis; 4.2.1 Calculation Models; 4.2.2 State of the Art; 4.3 Measuring System; 4.3.1 BRIMOS®; 4.3.2 Sensors; 4.3.3 Data-Logger; 4.3.4 Additional Measuring Devices and Methods
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5.2.5 Mode Shapes

Sommario/riassunto

In-operation vibration monitoring for complex mechanical structures and rotating machines is of key importance in many industrial areas such as aeronautics (wings and other structures subject to strength), automobile (gearbox mounting with a sports car body), rail transportation, power engineering (rotating machines, core and pipes of nuclear power plants), and civil engineering (large buildings subject to hurricanes or earthquakes, bridges, dams, offshore structures). Tools for the detection and the diagnosis of small changes in vibratory characteristics are particularly useful to set up a pr

2. Record Nr.	UNINA9910717410903321
Autore	Mavronicola Natasa
Titolo	Torture, inhumanity, and degradation under Article 3 of the ECHR : absolute rights and absolute wrongs // Natasa Mavronicola
Pubbl/distr/stampa	Oxford, UK ; , : Hart Publishing, an imprint of Bloomsbury Publishing, , 2020 [London, England] : , : Bloomsbury Publishing, , 2020
ISBN	1-5099-0306-2 1-5099-0305-4 1-5099-0300-3
Edizione	[First edition.]
Descrizione fisica	1 online resource (288 pages)
Disciplina	341.4/8094
Soggetti	International law and human rights Torture (International law) Refoulement Human rights
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	What is an 'absolute right'? A conceptual framework on absoluteness, applicability and specification -- Delimiting the absolute : how should the ECtHR approach the specification of Article 3 ECHR? -- The specification of torture within Article 3 ECHR -- The Article 3 'threshold' : the specification of inhuman or degrading treatment or punishment -- The specification of positive obligations under Article 3 ECHR -- Specifying the non-refoulement duty under Article 3 ECHR.
Sommario/riassunto	"This book theorises and concretises the idea of 'absolute rights' in human rights law with a focus on Article 3 of the European Convention on Human Rights (ECHR). It unpacks how we might understand what an 'absolute right' in human rights law is and draws out how such a right's delimitation may remain faithful to its absolute character. Concretising these starting points, it considers how, as a matter of principle, the right not to be subjected to torture or inhuman or degrading treatment or punishment enshrined in Article 3 ECHR is and ought to be substantively delimited by the European Court of Human Rights

(ECtHR). Focusing on the wrongs at issue, this analysis touches both on the core of the right and on what some might consider to lie at the right's 'fringes': from the aggravated wrong of torture, to the severity assessment delineating inhumanity and degradation; the justified use of force and its implications for absoluteness; the delimitation of positive obligations to protect from ill-treatment; and the duty not to expel persons to places where they face a real risk of torture, inhumanity or degradation. Few legal standards carry the simultaneous significance and contestation surrounding this right. This book seeks to contribute fruitfully to efforts to counter a proliferation of attempts to dispute, circumvent or dilute the absolute character of the right not to be subjected to torture or inhuman or degrading treatment or punishment, and offer the groundwork for transparently and coherently (re)interpreting the right's contours in line with its absolute character"

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3. Record Nr.	UNINA9910736009603321
Autore	Guyet Thomas
Titolo	Chronicles: Formalization of a Temporal Model / / by Thomas Guyet, Philippe Besnard
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031336935 3031336933
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (132 pages)
Collana	SpringerBriefs in Computer Science, , 2191-5776
Altri autori (Persone)	BesnardPhilippe
Disciplina	006.312
Soggetti	Data mining Pattern recognition systems Space in economics Data Mining and Knowledge Discovery Automated Pattern Recognition Spatial Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

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5.4.1 Basic Notions -- 5.4.2 Frequent Chronicles -- 5.4.3 Formal
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-- A.2 Proofs for Sect.3.2.
A.3 Proofs for Sect.3.3 -- A.4 Proofs for Sect.3.5 -- A.5 Proofs for Sect.
4.2 -- A.6 Proofs for Sect.5.2 -- A.7 Proofs for Sect.5.3.3 -- A.8 Proofs
for Sect.5.4.1 -- A.9 Proofs for Sect.5.4.4 -- B Additional Content -- B.
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This book is intended as an introduction to a versatile model for temporal data. It exhibits an original lattice structure on the space of chronicles and proposes new counting approach for multiple occurrences of chronicle occurrences. This book also proposes a new approach for frequent temporal pattern mining using pattern structures. This book was initiated by the work of Ch. Dousson in the 1990's. At that time, the prominent format was Temporal Constraint Networks for which the article by Richter, Meiri and Pearl is seminal. Chronicles do not conflict with temporal constraint networks, they are closely related. Not only do they share a similar graphical representation, they also have in common a notion of constraints in the timed succession of events. However, chronicles are definitely oriented towards fairly specific tasks in handling temporal data, by making explicit certain aspects of temporal data such as repetitions of an event. The notion of chronicle has been applied both for situation recognition and temporal sequence abstraction. The first challenge benefits from the simple but expressive formalism to specify temporal behavior to match in a temporal sequence. The second challenge aims to abstract a collection of sequences by chronicles with the objective to extract characteristic behaviors. This book targets researchers and students in computer science (from logic to data science). Engineers who would like to develop algorithms based on temporal models will also find this book useful. .

