

1. Record Nr.	UNINA9910417453103321
Titolo	The global encyclopaedia of informality : understanding social and cultural complexity / edited by Alena Ledeneva
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ISBN	9781787351905
Descrizione fisica	XXIX, 538 p. : ill. ; 24 cm
Collana	Fringe
Disciplina	302.03
Locazione	BFS
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Secondo volume, parti 3 e 4

2. Record Nr.	UNINA9910367746603321
Autore	Laflamme Simon
Titolo	Smart Sensors for Structural Health Monitoring
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019
ISBN	3-03921-759-3
Descrizione fisica	1 online resource (342 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Sommario/riassunto	<p>Smart sensors are technologies designed to facilitate the monitoring operations. For instance, power consumption can be minimized through on-board processing and smart interrogation algorithms, and state detection enhanced through collaboration between sensor nodes. Applied to structural health monitoring, smart sensors are key enablers of sparse and dense sensor networks capable of monitoring full-scale structures and components. They are also critical in empowering operators with decision making capabilities. The objective of this Special Issue is to generate discussions on the latest advances in research on smart sensing technologies for structural health monitoring applications, with a focus on decision-enabling systems. This Special Issue covers a wide range of related topics such as innovative sensors and sensing technologies for crack, displacement, and sudden event monitoring, sensor optimization, and novel sensor data processing algorithms for damage and defect detection, operational modal analysis, and system identification of a wide variety of structures (bridges, transmission line towers, high-speed trains, masonry light houses, etc.).</p>