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Soggetti	Building materials Nanotechnology Nanoscale science Nanoscience Nanostructures Structural materials Building repair Buildings—Repair and reconstruction Energy efficiency Building Materials Nanoscale Science and Technology Structural Materials Building Repair and Maintenance Energy Efficiency
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From the Contents: Production, functionalization and performance of

nanomaterials: nanoparticles, nanotubes and novel polymers -- Investigation of the internal structure and properties of construction materials at the nanoscale and relation of these parameters to materials performance at the macroscale -- Instrumentation, techniques, and metrology for nanoscale investigation of construction materials.

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Sommario/riassunto

Nanotechnology has already demonstrated surprising potential for improving the performance of construction materials, and many of these recent developments were facilitated by NICOM symposia. The NICOM5 proceedings will cover the emerging opportunities and future use of nanotechnology in construction, and will illustrate the broad potential for application of nanotechnology to challenging problems involving materials and infrastructure.

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