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Titolo	The First Outstanding 50 Years of "Università Politecnica delle Marche" : Research Achievements in Physical Sciences and Engineering / / edited by Sauro Longhi, Andrea Monteriù, Alessandro Freddi, Emanuele Frontoni, Michele Germani, Gian Marco Revel
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Descrizione fisica	1 online resource (406 pages)
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Sommario/riassunto	The book describes the significant multidisciplinary research findings at the Università Politecnica delle Marche and the expected future advances. It addresses some of the most dramatic challenges posed by today's fast-growing, global society and the changes it has caused. It also discusses solutions to improve the wellbeing of human beings. The book covers the main research achievements in the different disciplines of the physical sciences and engineering, as well as several research lines developed at the university's Faculty of Engineering in the fields of electronic and information engineering, telecommunications, biomedical engineering, mechanical engineering, manufacturing technologies, energy, advanced materials, chemistry, physics of matter, mathematical sciences, geotechnical engineering, circular economy, urban planning, construction engineering, infrastructures and environment protection, technologies and

digitization of the built environment and cultural heritage. It highlights the international relevance and multidisciplinary of research at the university as well as the planned research lines for the next years.

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