

1. Record Nr.	UNINA9910523734103321
Titolo	Digital Modernism Heritage Lexicon // edited by Cristiana Bartolomei, Alfonso Ippolito, Simone Helena Tanoue Vizioli
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-76239-4
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (XIV, 1385 p. 897 illus., 596 illus. in color.)
Collana	Springer Tracts in Civil Engineering, , 2366-2603
Disciplina	724.6
Soggetti	Cultural property Buildings - Repair and reconstruction Buildings - Maintenance Sustainable architecture Digital humanities Cultural Heritage Building Repair and Maintenance Sustainable Architecture/Green Buildings Digital Humanities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Modernist movement -- Manufacture of the modern period and the digital age -- Innovative materials for Architecture and Engineering -- Urban furniture to bridges and tall buildings -- 3D digital mappings -- Architectural heritage through 2D and 3D digital models -- Photogrammetry and laser scanning -- GIS methodology.
Sommario/riassunto	The book investigates the theme of Modernism (1920-1960 and its epigones) as an integral part of tangible and intangible cultural heritage which contains the result of a whole range of disciplines whose aim is to identify, document and preserve the memory of the past and the value of the future. Including several chapters, it contains research results relating to cultural heritage, more specifically Modernism, and current digital technologies. This makes it possible to record and evaluate the changes that both undergo: the first one, from a material point of view, the second one from the research point of

view, which integrates the traditional approach with an innovative one. The purpose of the publication is to show the most recent studies on the modernist lexicon 100 years after its birth, moving through different fields of cultural heritage: from different forms of art to architecture, from design to engineering, from literature to history, representation and restoration. The book appeals to scholars and professionals who are involved in the process of understanding, reading and comprehension the transformation that the places have undergone within the period under examination. It will certainly foster the international exchange of knowledge that characterized Modernism.
