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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	From the Contents: Masonry Strength and Deformability -- Fundamentals of Statics of Masonry Solids and Structures -- Masonry Arches -- Masonry Vaults -- The Colosseum -- Masonry Stairways -- Masonry Piers, Walls and Towers under vertical loads -- Gothic Cathedrals -- Masonry Buildings under Seismic Actions.
Sommario/riassunto	Masonry constructions are the great majority of the buildings in Europe's historic centres and the most important monuments in its architectural heritage. Given the age of much of these constructions, the demand for safety assessments and restoration projects is pressing and constant. This book aims to help fill this demand presenting a comprehensive new statics of masonry constructions. The book, result of thirty years of research and professional experience, gives the fundamentals of statics of the masonry solid, then applied to the study of statics of arches, piers and vaults. Further, combining engineering and architecture and through an interdisciplinary approach, the book investigates the statical behaviour of many historic monuments, as the Pantheon, the Colosseum, the domes of S. Maria del Fiore in Florence and of St. Peter in Rome, the Tower of Pisa, the Gothic Cathedrals and the Masonry Buildings under seismic actions.

