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Nota di contenuto	Letter from the Editor -- Letter from the Editor -- In Memory of Mario Salvadori -- Mario Salvadori and Mauro Picone: From Student and Teacher to Professional Fellowship -- Mechanics in Architecture -- Milankovitch’s Theorie der Druckkurven: Good mechanics for masonry architecture -- Oval Domes: History, Geometry and Mechanics -- The Conception of Ramparts in the Sixteenth Century: Architecture, “Mathematics”, and Urban Design -- Tentare licet. The Theresian Academy’s Question on the Theory of Beams of 1783 -- Nexorades Based on Regular Polyhedra -- Other Research -- A Pyramid Inspired by Mathematics -- Fractal Architecture Could Be Good for You -- Polygons, Diagonals, and the Bronze Mean -- Geometer’s Angle -- Dynamic Root Rectangles Part One: The Fundamentals -- Didactics -- Mathematical Aspects in an Architectural Design Course: The Concept, Design Assignments, and Follow-up -- Book Review -- Scott Olsen The Golden Section: Nature’s Greatest Secret -- Leonard K. Eaton Hardy Cross. American Engineer.
Sommario/riassunto	This volume is dedicated to "Mechanics in Architecture", that is, the science of structural mechanics, including the behaviour of structures, internal forces, and deformation, as well as the development of new structural systems to resist thrusts as a result of new architectural

forms. It is a field of enquiry that examines a particular aspect of the relationships between architecture and the mathematical sciences. Some of the papers in this issue were presented at the Nexus 2006 conference during a special session dedicated to mechanics. Other research papers focus on an eighteenth-century Belgian pyramid, aspects of "fractal" architecture, and properties of a family of irrational values. The issue also includes a description and evaluation of a university-level course in architecture and mathematics, Rachel Fletcher's Geometer's Angle column, and book reviews.