

1.	Record Nr.	UNINA9910712261103321
	Titolo	Converging-diverging nozzle thruster code for nuclear or chemical rocket performance computations
	Pubbl/distr/stampa	Cleveland, Ohio, : National Aeronautics and Space Administration, Glenn Research Center
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9911007349703321
	Autore	Lee Ju Hyun
	Titolo	Mathematical Thinking and Properties in Architecture : Palladio, Le Corbusier, and Eisenman / / by Ju Hyun Lee, Michael J. Dawes, Michael J. Ostwald
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Birkhäuser, , 2025
	ISBN	3-031-86390-9
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (XVIII, 218 p. 108 illus., 92 illus. in color.)
	Collana	Mathematics and the Built Environment, , 2512-1561 ; ; 10
	Disciplina	519
	Soggetti	Mathematics Arts Architecture - Mathematics History Statics Mathematics in Art and Architecture History of Mathematical Sciences Mechanical Statics and Structures
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Mathematical Thinking and Properties in Architecture -- Mathematics and Andrea Palladio -- Mathematics and Le Corbusier -- Mathematics

and Peter Eisenman -- Intelligibility and Cellularity -- Natural Beauty and Expressive Freedom -- Language, Harmony and Diversity -- Piano Nobile, Promenade and Program -- Squaring the Circle.

Sommario/riassunto

This monograph explores the profound connections between architecture and mathematics through the works of Andrea Palladio, Le Corbusier, and Peter Eisenman. Combining historical insights with computational analyses, it examines the social, spatial, and aesthetic properties of twenty-six iconic designs. Advanced methods such as Space Syntax, isovists, fractal analysis, image segmentation and semantic linguistic analysis reveal the mathematical principles underlying architectural thinking and properties. Richly illustrated with over 100 visuals, this volume is an essential resource for senior undergraduates, postgraduates, practicing architects, and historians seeking a deeper understanding of mathematical thinking in architectural design and analysis.
