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	Nota di contenuto	Preface; Contents; List of Figures; List of Tables; The Big Picture; Geometry and Phase Transitions, in General; Geometry and Phase Transitions, in Colloidal Crystals; Geometry and Phase Transitions, in Topologically Constrained Polymers; Summary; Index
	Sommario/riassunto	This monograph represents an extension of the author's original PhD thesis and includes a more thorough discussion on the concepts and mathematics behind his research works on the foam model, as applied to studying issues of phase stability and elasticity for various non-closed packed structures found in fuzzy and colloidal crystals, as well as on a renormalization-group analysis regarding the critical behavior of loop polymers upon which topological constraints are imposed. The common thread behind these two research works is their demonstration of the importance and effectiveness of utilizin