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	Nota di contenuto	1. Introduction -- 2. History and definitions -- 2-1. Introduction; 2-2. History; 2-3. Definitions; 2-4. Conclusion -- 3. Fundamental concepts -- 3-1. Introduction; 3-2. Relational structure; 3-3. Geometry and stability; 3-4. Selfstress states and mechanisms; 3-5. Conclusion -- 4. Typologies -- 4-1. Introduction; 4-2. Typology criteria and codification; 4-3. Elementary cells or spherical cells; 4-4. Assemblies of cells; 4-5. Conclusion -- 5. Models -- 5-1. Introduction; 5-2. Problems to solve; 5-3. Form finding; 5-4. Selfstress and mechanisms; 5-5. Selftress qualification; 5-6. Designing tensegrity systems; 5-7. Active control; 5-8. Conclusion -- 6. Foldable tensegrities -- 6-1. Introduction; 6-2. Folding principle; 6-3. Foldable modules; 6-4. Foldable assemblies; 6-5. Folding design; 6-6. Simulation of the folding process; 6-7. Modelling the contact of two struts; 6-8. Conclusion -- 7. Tensegrity: Latest And future developments -- 7-1. Introduction; 7-2. New tensegrity grids; 7-3. Other projects; 7-4. Tensegrity as a structural principle; 7-5. Conclusion -- 8. Bibliography -- 9. Appendices
	Sommario/riassunto	The word tensegrity results from the contraction of tensional and integrity, a word created by Richard Buckminster Fuller. He went on to describe tensegrity structures as islands of compression in an ocean of tension, and Re Motro has developed a comprehensive definition

which is systems in a stable self equilibriated system comprising a discontinuous set of compressed components inside a continuum of tensioned components. This publication represents the life work of a leading exponent of a revolutionary and exciting method of structural design. * Represents the life work of a leading exponent of a revolutionary and exciting method of structural design * Applicable to architecture as an established structural system, can also be applied to other fields * Design professionals will be able to design better structures. Interested non-professionals will experience the great pleasure of being able to say "I understand why the Hisshorn tower stands up"