

Projecte 8

Tensegrities

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An astoundingly wide variety of natural systems, including carbon atoms, water molecules, proteins, viruses, cells, tissues and even humans and other living creatures, are constructed using a common form of architecture known as **tensegrity**. The term, short for *tension integrity*, refers to a system that stabilizes itself mechanically because of the way in which tensional and compressive forces are distributed and balanced within the structure.

Donald Ingber, *The Architecture of Life*, 1998

Explore the literature on tensegrities and try to relate them with geometric constraint solving.