Ordered Lattice Graph

nTopology

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Toolkit: Osseointegrative Structures
Category: Lattice Graph Generation

Lattice Design Space *(Implicit)*
Unit Cell *(Volumetric Rule)* ⟶ Ordered Lattice Graph *(Lattice)*
Unit Cell Size *(Vector)*

Description

Generates an ordered lattice graph within the lattice design space. The ordered lattice graph is truncated by the input lattice design space, ensuring that no portion of the lattice graph exists outside of the lattice design space. The input beam thickness value for this block should match the input beam thickness value of the downstream thicken block.

Input Descriptions

Lattice Design Space	Volume to be filled with an ordered lattice.
Unit Cell	Unit cell selection for the lattice generation workflow.
Unit Cell Size	Desired size of the unit cells in the X, Y, and Z dimensions.