

Walled Schwarz TPMS Lattice

nTopology

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Description

Generates a walled Schwarz structure within the lattice design space. The walled Schwarz TPMS structure is truncated by the input lattice design space, ensuring that no portion of the lattice structure exists outside of the lattice design space.

Input Descriptions

Lattice Design Space	<i>Volume to be filled with a walled Schwarz TPMS ordered lattice.</i>
Unit Cell Size	<i>Desired size of the unit cells in the X, Y, and Z dimensions.</i>
Wall Thickness	<i>Target approximate wall thickness distribution of the lattice structure.</i>