

Supporting Information

Energy Absorption Properties of Periodic and Stochastic 3D Lattice Materials

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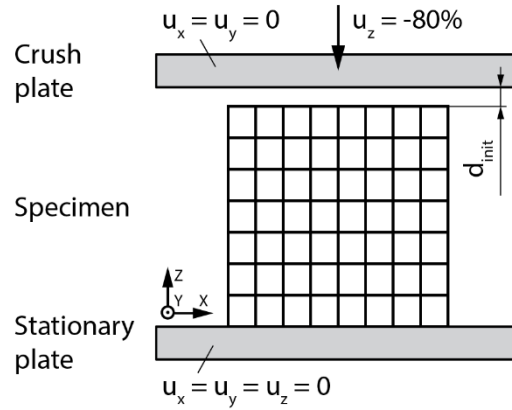


Figure S1: Finite element analysis boundary conditions. The boundary conditions are shown for the compression plates as well as the tested lattice specimens.

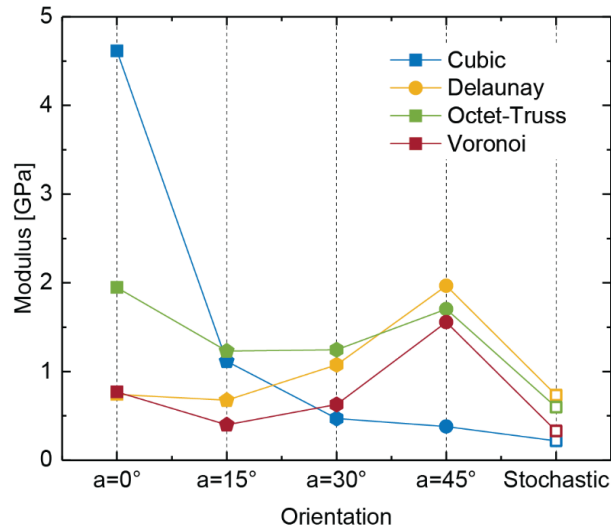


Figure S2: Quasi-static moduli of the tested structures. Quasi-static moduli of the tested structures for all unit cell types and orientations as well as periodicities.

Order	Periodic		Stochastic	
Nodal connectivity (Z)	4	6	12	14
Rotation (α)	0°	15°	30°	45°
Strain rate	10^0 s^{-1}	10^1 s^{-1}	10^2 s^{-1}	10^3 s^{-1} 10^4 s^{-1}

Table 1: Tested parameters overview.