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CSSI Element: Nanocomposites to Metamaterials A Knowledge Graph Framework

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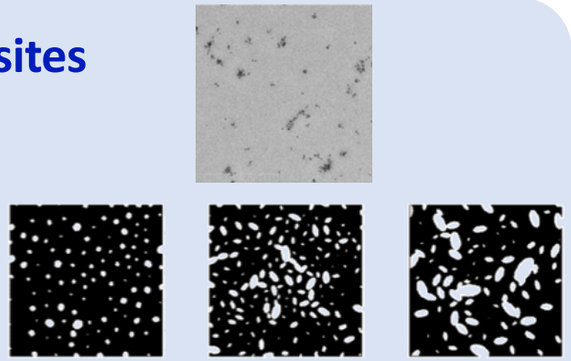
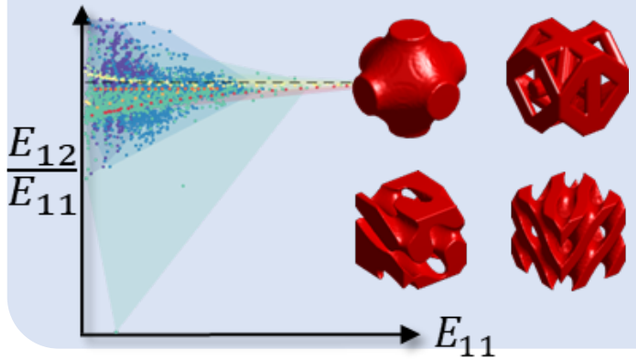
Polymer Nanocomposites

< 1% nanoparticle
→ dramatic changes in physical properties



Structural Metamaterials



Geometric structure patterns → "impossible" properties, eg band gaps

MaterialsMine

An open data resource for materials scientists