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Elastoplastic response and recoil of honeycomb lattices

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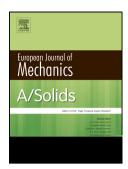
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Highlights

- Analytical elasto-plastic response for a planar honeycomb sheet
- Analytical spring-back calculation for a hexagonal honeycomb sheet
- Scaling transformation that unifies the response of all lattices to a master-curve
- Response of auxetic lattices under plastic deformation

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