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Nonlinear instability of axially loaded functionally graded multilayer graphene platelet-reinforced nanoshells based on nonlocal strain gradient elasticity theory

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Highlights

- Development a more comprehensive size-dependent shell model based on nonlocal strain gradient theory
- Proposing explicit analytical expressions for stability curves of functionally graded multilayer GPLRC nanoshells
- Prediction the size-dependent critical buckling loads of multilayer GPLRC nanoshells with different functionally graded patterns

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