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Stability and free vibration analysis of double-bonded micro composite sandwich cylindrical shells conveying fluid flow

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Highlights

- Development of stability and vibration of sandwich small-scale axisymmetric cylindrical shell model
- Presenting formulation based on the modified couple stress double-bonded Reddy shells theory
- Solving formulation using generalized differential quadrature method (GDQM)
- Study of the effects of h_f/h_c , u_f , L/h and H_z on the damping and natural frequency

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