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The Similarity Law and Its Verification of Cylindrical Lattice Shell Model under Internal Explosion

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Highlights

- The similarity law of the cylindrical lattice shell structure under internal explosion is deduced based on the dimensional analysis principle.
- It is verified that the scale model test of the cylindrical lattice shell structure under internal explosion could accurately reflect the characteristics of the original model.
- The reasonable and reliable scaling coefficients are proposed for the scale model tests of the cylindrical lattice shell structure under internal explosion.

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