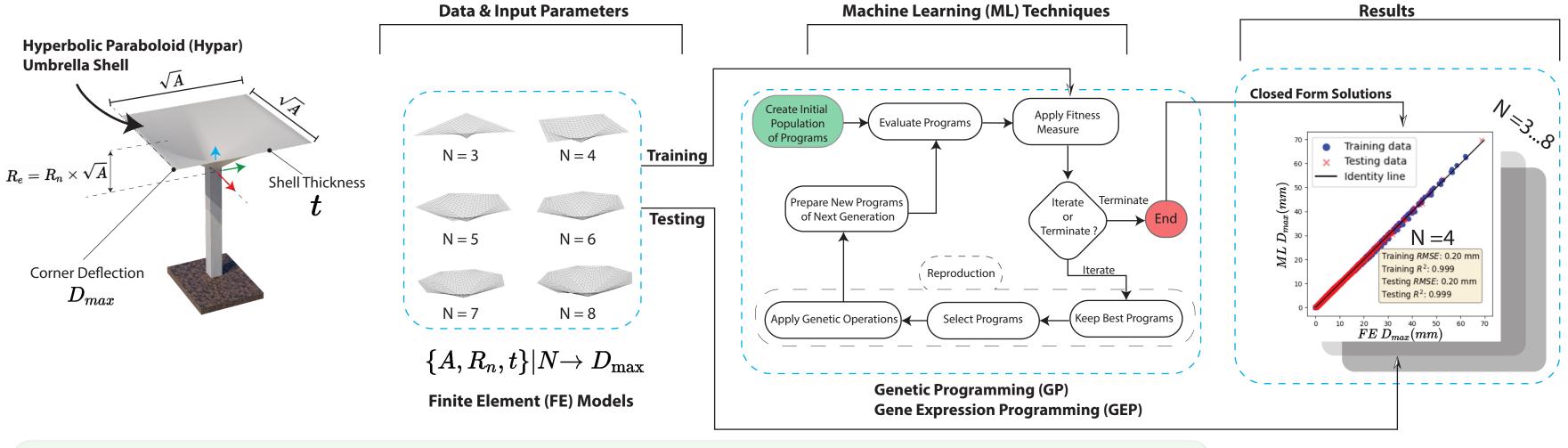
Predicting Maximum Deflection of N-Edged Thin-Shelled Hyperbolic-Paraboloid Umbrella Using Machine Learning Techniques



Summary:

- ONo closed-form solution exists for predicting the maximum deflection of hypar umbrella forms, crucial for conceptual design.
- O Machine learning techniques successfully parameterized, with high accuracy, the maximum deflection of N-edged hypar umbrellas.

Thin-Walled Structures 2024

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