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Title: Stress analysis of functionally graded shells using a 7-parameter shell element

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- A displacement-based 7-parameter shell element is used.
- Spectral approximation functions are used with equal interpolation to avoid all types of locking.
- Numerical results for stresses and displacements for a set of nontrivial problems are presented.
- Verification with analytical solutions and comparison of stresses with those obtained using commercial codes are included.

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