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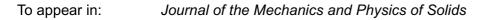
Wrinkling pattern evolution on curved surfaces

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Highlights

- Theoretical analysis was performed to reveal the curvature effect on surface wrinkling of soft materials;
- A Fourier spectral method was developed to track the wrinkling pattern evolution on a curved surface;
- A phase diagram was constructed to quantify the wrinkling pattern selection in bilayer curve systems with curved surfaces;
- Potential use of the method and the results has been demonstrated.

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