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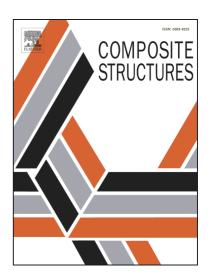
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Buckling isogeometric analysis of functionally graded ceramic-metal plates under combined thermal and mechanical loads

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Highlights

- Numerical results of thermal-buckling of functionally graded plates under combined thermal and mechanical loads are presented.
- An effective and accurate IGA formulation using FSDT for FGPs is developed.
- Effects of gradient index, plate aspect ratio, side-to-thickness ratio, skew angle, etc. on thermal–mechanical buckling behavior are investigated.
- Stability diagrams of thermal–mechanical buckling of FGPs are presented.

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