

## Contents

### Original articles

- Finite element analysis of peak stress and stress gradient at an elliptical through-hole 277  
*K Klungerbo and G Härkegård*
- Bending and free vibration response of sandwich laminate under hygrothermal load using improved zigzag theory 288  
*A Padhi and MK Pandit*
- Forming limit diagram generation with reduced experiments and modelling for different grades of automotive sheet steel using CrachLab 298  
*PK Singh, RB Sarkar, A Raj and RK Verma*
- A tangent stiffness-based approach to study free vibration of shear-deformable functionally graded material rotating beam through a geometrically non-linear analysis 310  
*S Pal and D Das*
- A micromechanical model for predicting biaxial tensile moduli of plain weave fabric composites 333  
*JB Bai, JJ Xiong, RA Sheno and Q Wang*