

PAPERS

- 85 **Numerical analysis of progressive collapse for reinforced concrete frames**
Abdelwahed B.
- 99 **Computational investigation of the impact of assumption of affine deformation on constitutive models of soft tissues**
Burša J., Slažanský M.
- 107 **1D finite element for modelling of turbine blade vibration in the field of centrifugal forces**
Dupal J., Zajíček M., Lukeš V.
- 125 **Analysis of stress intensity factors for functionally graded cylinders with multiple longitudinal cracks using finite element method**
Nabavi S. M., Hejazi Rekavandi S. S.
- 137 **Methodology of impeller curved vanes modelling in 2D axisymmetric stress analysis**
Růžička J.