

Pre-nominated Session SM22

Stability of structures

Co-Chair(s): **Z. Gaspar (Hungary)**
 S. Kyriakides (USA)

Paper ID	Title	Authors
SM22S_10378	Shallow Spherical Caps Under External Pressure	J. Blachut
SM22L_10692	Elastoplastic Microscopic Bifurcation and Post - Bifurcation Behavior of Periodic Cellular Solids	Nobutada Ohno, Dai Okumura, Hirohisa Noguchi
SM22L_10915	Statical Models to Illustrate Special Instabilities	Zsolt Gaspar
SM22L_11097	Wrinkles in Square Membranes	Yew W. Wong, Sergio Pellegrino
SM22S_11172	Nonlinear Dynamic Stability of Multi - Suspended Roof Systems	Ioannis G. Raftoyiannis, George T. Michaltsos
SM22L_11174	Coupling of Axisymmetric and 3D Shell Models for Non Linear Elastoplastic Buckling Prediction of Mainly Axisymmetric Shells	A. Combescure, J. C. Bauruelle, C. Baillis
SM22L_11600	Dynamic Arrest of Propagating Buckles in Offshore Pipelines	Theodoro A. Netto, Stelios Kyriakides
SM22S_11653	Bifurcation Buckling of Sandwich Plates and Shells in Plastic Range	Suresh C. Shrivastava
SM22L_11816	On the Stability of the Sky - Hook	Alois Steindl, Hans Troger
SM22L_11939	Stability of Parametrically Excited Structures: New Results	Alexander P. Seyranian
SM22S_11962	A Unified Treatment for the Elastoplastic Bifurcation of Structural Elements	Philippe Le Grogneq, Anh Le van
SM22L_12084	Buckling and Imperfection - Sensitivity of Axially Compressed Cylindrical Shells with Compliant Cores	H. Obrecht, B. Rosenthal, P. Fuchs
SM22L_12297	Stability of Shear - Flexible Frames	Esben Byskov, Ronni Dam, Thomas Frost, Lars Hulsbaek

SM22S_12420 Instabilities of Initially Stressed Hyperelastic Djenane C. Pamplona, Paulo
Cylindrical Membrane and Shell Under Internal Pressure B. Goncalves, Stefane R. X.
Lopes

SM22L_12558 Generalised Beam Theory Formulation to Analyse the Nuno Silvestre, Dinar Camotim
Post - Buckling Behaviour of Orthotropic Laminated
Plate Thin - Walled Members

SM22S_12669 The Stiffness of Prestressed Frameworks: A Unifying Simon D. Guest
Approach

SM22L_12688 Twist Buckling and the Foldable Cylinder: An Exercise Giles W. Hunt, Ichiro Ario
in Origami

SM22S_12931 On Stability of Systems Subject to Generalized Follower Roman Bogacz, Szymon Imielowski,
Force Wlodzimierz Kurnik

SM22L_12934 Dynamic Instability of a High - Speed Flexible Shaft Wlodzimierz Kurnik, Jaroslaw
with a Massive Disc and Follower Load. Weronko

SM22S_12967 Secondary Bifurcations and Localisation of Buckle Ciprian D. Coman
Patterns
