



Structural Analysis and design with S-FRAME Software

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Social Facilities Center, Building 7, Room 010, UCY New Campus

Abstract:

Discussion of contemporary research in structural analysis and design, by use of the S-Frame software. Further to an introduction to *S-FRAME Software Inc.* – its history, its structural analysis and design software products (functionality, capabilities, and common applications), its people, and its clients, Dr. Stylianou will also give an overview of the current research projects that S-FRAME Software is engaged in, both internally and in collaboration with other universities.

Biography:

Dr. Stylianou holds a Master's and a Ph.D. degree in Mechanical Engineering (computational mechanics) with a specialization in stability and dynamics using FEA. He has published numerous publications in peer-reviewed international journals. In 1990, he joined S-FRAME Software Inc. and led the development of the S-FRAME FEA analysis engine. In 1996 he joined MARC Analysis Research Co. and led a regional team responsible for the implementation of nonlinear FEA solutions to the aerospace, defense, and nuclear industries. Subsequently, he joined MSC Software (the company behind FEA products NASTRAN, PATRAN, ADAMS, DYTRAN, etc.) and continued to serve the aerospace and defense industries. In 2010, Dr. Stylianou returned to S-FRAME Software Inc. as the company's CEO.

