Selected Topics on Aerodynamic Shape Optimization

John C. Vassberg, Phantom Works, Boeing, USA.

1. An all-speed-flow algorithm for compressible flow computations,
   David Sidlikover, Sorek Nuclear Center.
3. From Navier-Stokes to Image Inpainting: Numerical Methods and Convergence Analysis, Dalia Fishelov, Afeka-Tel Aviv Academic College of Engineering.
4. Stability of Semidiscrete Formulations for Elastodynamics at Small Time Steps, Eran Grosu, Isaac Harari, Tel-Aviv University.
5. Linux Cluster for Large-Scale Numerical Simulations in Aerospace Industry, Ami Shlezinger, Israel Aircraft Industries

7. Edge Singular Solution and Extraction of Edge Stress Intensity Functions by p-Fem, Netta Omer, Zohar Yosibash, Ben-Gurion University.


11. Examination of the SPV Constraint for 0/1 Solutions for Optimal Topological Design of Stiffened Plates, Nathan Perchikov, Moshe B. Fuchs, Tel-Aviv University.