

Ville Havu, Harri Hakula, Tomi Tuominen: *A Benchmark Study of Elliptic and Hyperbolic Shells of Revolution*; Helsinki University of Technology Institute of Mathematics Research Reports A456 (2003).

Abstract: *We consider several benchmark cases for finite element analysis of shells. An elliptic and a hyperbolic shell of revolution over a range of thickness and different boundary conditions are presented and accurate deformation profiles and energies are calculated. Also the existence of boundary layers is demonstrated.*

AMS subject classifications: 74S05, 74K25

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