

Fig. 13. A hemi-spherical shell.



Professor Atef Saleeb

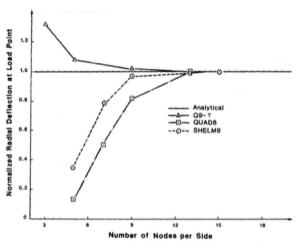


Fig. 14. Displacement convergence of curves of the hemi-spherical shell.

From: Chang TY, Saleeb AF, Graf W. On the mixed formulation of a 9-node Lagrange shell element. Computer Methods in Applied Mechanics and Engineering 1989; 73:259-281

See:

https://www.uakron.edu/engineering/research/profile.dot?u=saleeb https://works.bepress.com/atef_saleeb/ http://65.54.113.26/Author/13051128/atef-f-saleeb

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Selected Publications:

Saleeb AF, Chang TY, Yingyeunyong S. A mixed formulation of Co-linear triangular plate/shell element-the role of edge shear constraints. International Journal for Numerical Methods in Engineering 1988; 26:1101-1128. Chang TY, Saleeb AF, Graf W. On the mixed formulation of a 9-node Lagrange shell element. Computer Methods in Applied Mechanics and Engineering 1989; 73:259-281

Saleeb AF, Chang TY, Graf W, Yingyeunyong S. A hybrid/mixed mode for non-linear shell analysis and its applications to large-rotation problems. International Journal for Numerical Methods in Engineering 1990; 29:407-446.

- A. S. Gendy and A. F. Saleeb, "Consistent mixed model for stability of stiffened panels with cut-outs", Computers & Structures, Vol. 54, No.1, January 1995, pp. 119-130
- A. S. Gendy, A. F. Saleeb and S. N. Mikhail, "Free vibrations and stability analysis of laminated composite plates and shells with hybrid/mixed formulation", Computers & Structures, Vol. 63, No. 6, June 1997, pp. 1149-1163
- Y. Z. Yuan, A. F. Saleeb and A. S. Gendy, "Stress Projection, Layerwise-Equivalent, Formulation for Accurate Predictions of Transverse Stresses in Laminated Plates and Shells," International Journal of Computational Engineering Science, Vol. 1, No. 1, 2000, pp. 91-138