Professor Jean Mayers (1920 – 2013)

See:
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Obituary (from Stanford Alumni Magazine, September/October 2013):
Jean Mayers, of Fairfield, Calif., January 4, at 92. He served in the Navy during World War II, then earned his master's degree and worked at NACA (the precursor to NASA). In 1962 he joined the faculty of the department of aeronautics and astronautics at Stanford, where he was highly regarded as a teacher and mentor and was later professor emeritus. A renowned expert in aircraft structures and a pioneer of lightweight plastic honeycomb structural systems, he also taught in the Naval Reserves, from which he retired as a lieutenant commander. Survivors: his wife, Reva; and children, Eileen Mayers Pasztor, '67, and Laurence, '72.

Selected Publications:

Bruno A. Boley, Joseph Kempner and J. Mayers (Polytechnic Inst. of Brooklyn), “A numerical approach to the instability problem of monocoque cylinders”, NACA Technical note, April 1951

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Budiansky, B., and Mayers, J., "Influence of Aerodynamic Heating on the Effective Torsional Stiffness of Thin Wings", JAS 23, 12, pp. 1081-1093, 1956.

J. Mayers and L. Rehfield 1964, 1966 Further Considerations in the Buckling of Axially Compressed Circular Cylindrical Shells, Stanford University Department of Aeronautics & Astronautics Report SUDAER No. 197, June 1964; presented at the Ninth Midwestern Mechanics Conference, Madison, Wisconsin, August 1965

B. Ross, J. Mayers and A. Jaworski (Stanford University), “Buckling tests on thin circular cylindrical shells heated along an axial strip”, Experimental Mechanics, Vol. 5, No. 8, pp. 247, August 1965

Hoff, N. J., Madsen, W. A., and Mayers, J., Post-buckling equilibrium of axially compressed circular cylindrical shells," AIAA J. 4, 126-133, 1966.

J. Mayers And B. G. Wrenn 1967 On the nonlinear free vibrations of thin circular cylindrical shells. Developments in Mechanics, Proceedings of the 10th Midwestern Mechanics Conference, 819- 846. New York: Johnson Publishing Co.

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Wesenberg, D.L., and Mayers, J., "Failure Analysis of Intially Imperfect, Axially Compressed, Orthotropic, Sandwich and Eccentrically Stiffened, Circular Cylindrical Shells", USAAVLABS Technical Report No. 69-86, Dec. 1969.

Durlofsky, H., and Mayers, J., Effects of Interlaminar Shear on the Bending and Buckling of Laminated Beams, USAAVLABS Rept. 70-7, March 1970.