

Dr. D. A. Evensen

Selected Publications:

D. A. Evensen 1963 AIAA Journal 1, 2857-2858. Some observations on the nonlinear vibration of thin cylindrical shells.

D. A. Evensen 1964 Non-Linear Flexural Vibrations of Thin Circular Rings. Ph.D. thesis, California Institute of Technology, Pasadena, CA, USA.

D. A. Evensen 1965 A Theoretical and Experimental Study of Nonlinear Flexural Vibrations of Thin Circular Rings, NASA TR R-227. Washington, DC: Government Printing Office.

Evensen, D. A. and Fulton, R. E. (1965). Some Studies on the Nonlinear Dynamics Response of Shell-Type Structures. NASA TMX-56843

D. A. Evensen 1966 ASME Journal of Applied Mechanics 33, 553-560. Nonlinear flexural vibrations of thin circular rings.

D. A. Evensen 1967 Nonlinear flexural vibrations of thin-walled circular cylinders. NASA TN D-4090.

D. A. Evensen and R. E. Fulton 1967 Proceedings of the International Conference on Dynamic Stability of Structures, Evanston, IL, 18-20 October 1965, pp. 237-254, Pergamon Press. Some studies on the nonlinear dynamic response of shell-type structures.

D. A. Evensen 1968 AIAA Journal 6, 1401-1403. Nonlinear vibrations of an infinitely long cylindrical shell.

Evensen, D. A., Aprahamian, R. and Overoye, K.R., Pulsed differential holographic measurements of vibration modes of high-temperature panels, NASA Report N72-29543, 1972

D. A. Evensen 1974 Nonlinear vibrations of circular cylindrical shells. In Thin-Shell Structures: Theory, Experiment and Design, pp. 133- 155 (eds Y. C. Fung & E. E. Sechler). Englewood Cliffs, NJ: Prentice-Hall.

D.A. Evensen (J.H. Wiggins Company, 1650 South Pacific Coast Highway, Redondo Beach, California 90277, U.S.A.), Comment on "Large amplitude asymmetric vibrations of some thin shells of revolution", Journal of Sound and Vibration, Vol. 52, No. 3, June 1977, pp. 453-454

D. A. Evensen 1999 Journal of Fluids and Structures 13, 161-164. Non-linear vibrations of cylindrical shells – Logical rationale.

D. A. Evensen 2000 In Nonlinear Dynamics of Shells and Plates (eds. M. P. Païdoussis, M. Amabili and P. B. Gonçalves), AMD Vol. 238, pp. 47-59, ASME, New York. The influence of initial stress and boundary restraints on the nonlinear vibrations of cylindrical shells.