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Selected Publications:

- Yamaki, N. and Kodama, S. (1966). Buckling of circular cylindrical shells under torsion, report 1, Institute of High Speed Mechanics, Vol. 17, pp. 171–184, Japan.
- Yamaki, N. and Kodama, S. (1967). Buckling of circular cylindrical shells under torsion, report 2. Institute of High Speed Mechanics, Vol. 18, pp. 121–142, Japan.
- Yamaki, N. and Kodama, S., “Buckling of Circular Cylindrical Shells Under Compression/Report 1,” Rep. Inst. High Speed Mech., Japan, 23, 99–123 (1971).
- Yamaki, N.; Kodama, S.: Buckling of Circular Cylindrical Shells under Compression/Report 2, Solutions Based on the Flügge Equations Neglecting Prebuckling Edge Rotations. Rep. Inst. High Speed Mech., Japan, Vol. 24 (1971).
- Yamaki, N., and Kodama, S., (1972) Buckling of circular cylindrical shells under compression-report 3: solutions based on the Donnell type equations considering pre-buckling edge rotations. Report of the Inst. of High Speed Mech., No. 25, Tohoku Univ., 99-141.
- Yamaki, N. and Kodama, S., Postbuckling behavior of circular cylindrical shells under compression, International Journal of Non-Linear Mechanics, 11, 1976, 99–111.
- N. Yamaki, T. Watanabe and S. Kodama, “Effect of initial deflections on the buckling of circular cylindrical shells under torsion”, January 1978 (no publisher given). ABSTRACT: Theoretical solutions are presented to clarify the effect of imperfections in the shape of the buckling mode on the buckling of clamped circular cylindrical shells subjected to torsion. The problem is solved by applying the Galerkin procedure to the Donnell basic equations governing the finite deformation of imperfect cylindrical shells. Practically accurate solutions for a wide range of shell geometries are used to assess the range of validity of an asymptotic estimate of the imperfection sensitivity based on the initial postbuckling theory of Koiter and Budiansky.
- N. Yamaki and S. Kodama, "Perturbation analysis for the postbuckling and imperfection sensitivity of circular cylindrical shells under torsion," Theory of Shells, Proc. of the Third IUTAM Symposium on Shell Theory, Tbilisi, U.S.S.R., August 22-28, 1978, edited by Koiter, W. T. and Mikhailov, G. K., North-Holland Publishing Co., Amsterdam, pp. 635-668, 1980.
- Kodama, S.; Otomo, K. and Yamaki, N.: Postbuckling behavior of pressurized circular cylindrical shells under torsion 1. Experiment. International Journal of Non-Linear Mechanics, Vol. 16, No. 3/4 (1981) 337–353.
- Kodama, S. and Yamaki, N., Postbuckling behavior of pressurised circular cylindrical shells under torsion — II. theory, International Journal of Non-Linear Mechanics, 16, 3/4, 1981, 355–370.
- S. Kodama and N. Yamaki, “Buckling of circular cylindrical shells under combined pressure and axial loadings”, Transactions of the Japan Society of Mechanical Engineers, Part A, Vol. 49, No. 439, pp 366-376, January 1983