



Computerized buckling analysis of shells

By Bushnell, D.

Book Condition: New. Publisher/Verlag: Springer Netherlands | This report describes the work performed by Lockheed Palo Alto Research Laboratory, Palo Alto, California 94304. The work was sponsored by Air Force Office of Scientific Research, Bolling AFB, Washington, D. C. under Grant F49620-77-C-0122 and by the Flight Dynamics Laboratory, Air Force Wright Aeronautical Laboratories, Wright-Patterson AFB, Ohio under Contract F3361S-76-C-310S. The work was completed under Task 2307NI, "Basic Research in Behavior of Metallic and Composite Components of Airframe Structures". The work was administered by Lt. Col. J. D. Morgan (AFOSR) and Dr. N. S. Khot (AFWAL/FIBRA). The contract work was performed between October 1977 and December 1980. The technical report was released by the Author in December 1981. Preface Many structures are assembled from parts which are thin. For example, a stiffened plate or cylindrical panel is composed of a sheet the thickness of which is small compared to its length, breadth, and stiffener-spacing, and stiffeners the thickness of which is small compared to their heights and lengths. These assembled structures, loaded in compression, can buckle overall, that is sheet and stiffeners can collapse together in a general instability mode; the sheet can buckle locally between...



READ ONLINE
[7.55 MB]

Reviews

Most of these ebook is the best publication available. It is definitely simplistic but unexpected situations within the 50 percent of the book. You will not sense monotony at any moment of the time (that's what catalogs are for relating to in the event you request me).

-- **King Wunsch**

I actually started reading this article ebook. I actually have read and i also am certain that i will likely to go through once again again in the future. You are going to like just how the article writer compose this ebook.

-- **Mariane Kerluke**