

**Yamaki, Noboru**

**Influence of large amplitudes on flexural vibrations of elastic plates.** (English) Zbl 0104.19604  
*Z. Angew. Math. Mech.* 41, 501-510 (1961).

For a scan of this review see the [web version](#).

Cited in **27** Documents

**Keywords:**

elasticity, plasticity

**Full Text:** [DOI](#)

**References:**

- [1] Influence of Large Amplitudes on Flexural Motions of Elastic Plates, NACA Technical Note 3578, 1955.
- [2] Eringen, *J. Appl. Mech.* 22 pp 563– (1955)
- [3] Tadjbakhsh, *ZAMM* 40 pp 259– (1960)
- [4] Chu, *J. Appl. Mech.* 23 pp 532– (1956)
- [5] Kirchman, *J. Acoust. Soc. Am.* 29 pp 854– (1957)
- [6] and , Calculated and Measured Stresses in Simple Panels Subjected to Intense Random Acoustic Loading Including the Near Noise Field of a Turbojet Engine, NACA Report 1367, 1957.
- [7] Lassiter, *J. Aeron. Sci.* 24 pp 19– (1957) · [doi:10.2514/8.3756](#)
- [8] Tobias, *Engineering* 186 pp 51– (1958)
- [9] Stress Distribution in a Rectangular Plate under a Pair of Concentrated Forces, The Reports of the Institute of High Speed Mechanics, Tohoku University, 8 (1957), pp. 1–12.
- [10] and , *Theory of Plates and Shells*, 2nd Edition, New York 1959, McGraw-Hill Book Co., p. 108, 197.
- [11] Bending of Rectangular Plates With Large Deflections, NACA Report No. 737, 1942. · [Zbl 0063.03535](#)
- [12] Square Plate With Clamped Edge Under Normal Pressure Producing Large Deflections, NACA Report No. 740, 1942. · [Zbl 0063.03536](#)
- [13] Uniformly Loaded, Clamped, Rectangular Plates with Large Deflection, *Proc. 5th Intern. Congr. Appl. Mech.* 1938, pp. 123–128.
- [14] and , *Vibration Problems in Engineering*, 3rd Edition, New York 1955, D. Van Nostrand Co., p. 443.
- [15] Young, *J. Appl. Mech.* 17 pp 448– (1950)
- [16] Ref. 14, p. 150.
- [17] *Nonlinear Vibrations in Mechanical and Electrical Systems*, New York 1950, Interscience Publishers, p. 83. · [Zbl 0035.39603](#)
- [18] Ref. 10, p. 410, Table 82.
- [19] Stippes, *J. Appl. Mech.* 19 pp 287– (1952)
- [20] Way, *Trans. ASME* 56 pp 627– (1934)
- [21] Ref. 10, p. 54.
- [22] *Applied Elasticity*, 1st Edition, London 1924, Longmans, Green and Company, pp. 597–598.

This reference list is based on information provided by the publisher or from digital mathematics libraries. Its items are heuristically matched to zbMATH identifiers and may contain data conversion errors. It attempts to reflect the references listed in the original paper as accurately as possible without claiming the completeness or perfect precision of the matching.