

Rabinowitz, Paul H.

Free vibrations for a semilinear wave equation. (English) Zbl 0341.35051
Commun. Pure Appl. Math. 31, 31-68 (1978).

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

MSC:

35L05 Wave equation
35B10 Periodic solutions to PDEs
35L60 First-order nonlinear hyperbolic equations
49R50 Variational methods for eigenvalues of operators (MSC2000)

Cited in **7** Reviews
Cited in **164** Documents

Full Text: [DOI](#)

References:

- [1] Seifert, *Math. Z.* 51 pp 197– (1948)
- [2] Berger, *J. Diff. Eq.* 10 pp 17– (1971)
- [3] Gordon, *J. Diff. Eq.* 10 pp 324– (1971)
- [4] Clark, *Proc. A.M.S.* 39 pp 579– (1973)
- [5] Weinstein, *Inv. Math.* 20 pp 47– (1973)
- [6] Moser, *Comm. Pure Appl. Math.* 29 pp 727– (1976)
- [7] and , Periodic solutions near an equilibrium of a non-positive definite Hamiltonian system, preprint.
- [8] Fadell, *Inv. Math.*
- [9] Jacobowitz, *J. Diff. Eq.* 20 pp 37– (1976)
- [10] Hartman, *Amer. J. of Math.*
- [11] Rabinowitz, *Comm. Pure Appl. Math.* 31 pp 31– (1978)
- [12] Critical point theory and the minimax principle, *Proc. Symp. Pure Math.*, 15, A.M.S., Providence, R.I., 1970, pp. 185–212.
- [13] Amann, *Math. Ann.* 199 pp 55– (1972)
- [14] Nirenberg, *Ann. Scuol. Norm. Sup. Pisa* 13 pp 1– (1959)
- [15] Rabinowitz, *Ann. Scuol. Norm. Sup. Pisa.*
- [16] Periodic orbits for convex Hamiltonian systems, preprint.

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