Parametric resonance in systems of Mathieu equations

University of Waikato, Mathematics and Statistics - Mathieu Equation (Parametric Oscillator)

Description: -

-

Judaism and politics.
Jewish sociology.
Judaism and social problems.
Railroad accidents -- Illinois -- Springfield.
Parametric vibration
Mathieu functionsParametric resonance in systems of Mathieu equations
-
254
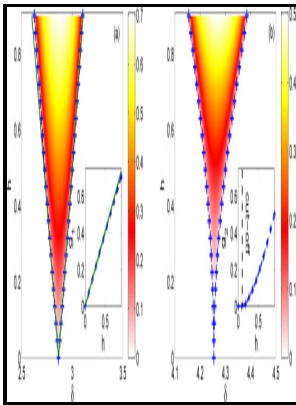Studi e ricerche ;
Judaïsmes
ser. 2, no. 6.
Research report (University of Waikato. Dept. of Mathematics and Statistics) ;
ser. 2, no. 6
Research report ;Parametric resonance in systems of Mathieu equations
Notes: Includes bibliographical references (p. 18).
This edition was published in 1991

Filesize: 6.102 MB

Tags: #Nonlinear #dynamics

Mathieu Equation

In the undriven case, these solutions are always stable and unstable, respectively. Adrian Biran, Rubén López-Pulido, in , 2014 12. Readers involved in yachting may have experienced the phenomenon.

Parametric resonance, mathematical theory of

For the wind moment we use a step function. Paidoussis, in , 2014 4. A typical example is the initially straight prismatic column whose two ends are simply supported and upon which a periodic axial compressive load is acting Fig.

Parametric Resonance

The cited authors study broaching and surf-riding in the phase plane.

Nonlinear dynamics

Nonlinear dynamics Parametric Resonance Parametric resonance is a resonance phenomenon different from normal and because it is an instability phenomenon. These peculiarities reflect the intricate dependence of the ω_n on u_0, as seen in Figure 2. This allows to apply the Floquet theorem.

Related Books

- [Afrīqīyūn wa-al-'Arab](#)
- [Social geography - progress and prospect](#)
- [Masa' el 'olam ha-riḳud - 'al ha-riḳud ke-omanut ukhe-viṭui le-adam ule-'am : be-'iḳvot hartsa'o](#)
- [Dating methods of Quaternary deposits. by N. Rutter and N. Catto](#)
- [Sternenkind](#)