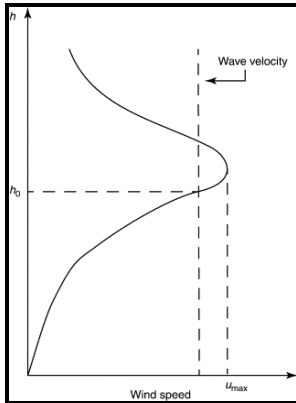


Frontal wave generation in the nongeostrophic Eady problem.

- - Frontal Interaction with Mesoscale Topography, Journal of the Atmospheric Sciences



Description: -

-
Powders -- Optical properties -- Handbooks, manuals, etc.
X-rays -- Diffraction -- Handbooks, manuals, etc.
English language -- Rhetoric.
Report writing -- Problems, exercises, etc.
College readers.
Physics Theses
Frontal wave generation in the nongeostrophic Eady problem
-Frontal wave generation in the nongeostrophic Eady problem
Notes: Thesis (Ph.D.), Dept. of Physics, University of Toronto
This edition was published in 1996



Filesize: 47.11 MB

Tags: #Vertical #slice #modelling #of #nonlinear #Eady #waves #using #a #compatible #finite #element #method

Advances in the Theory of Atmospheric Fronts

The numerous numerical experiments, presented in the literature quoted in the previous sections see e.

Gravity Waves Generated by Jets and Fronts and Their Relevance for Clear

Thus, for the free-slip case, $F u$ is the major SG forcing term and this agrees with the direct analysis of the SG forcing in.

The Nongeostrophic Structure of Baroclinic Waves and Its Relation to Fronts and Jet Streaks in: Journal of the Atmospheric Sciences Volume 48 Issue 1 (1991)

Clearly, the free-slip mode grows much faster than the nonslip mode, and the growth rate is very close to the inviscid one.

Inertia

Judging from the extreme values only, our result seems to agree with the scale analysis of for the nonslip case; that is, $F u$ is much weaker than $F v$. Extension to three dimensions, for example a Gaussian or bell-shaped hill, is straight forward but mathematically arduous. The upper-level PV anomaly then couples with this new surface vorticity center and propagates downstream.

Related Books

- [Nam-Pukhan t'onghammon](#)
- [Roi René - René, duc d'Anjou, de Bar et de Lorraine, roi de Sicile et de Jérusalem, roi d'Aragon, c](#)
- [Daftar usulan proyek tahun anggaran 1988/1989 \(proyek lanjutan/baru\), proyek sektoral Departemen Aga](#)
- [Ch'unhyang chôn ūi t'ongsijök yŏn'gu](#)
- [Risco - Lucio Costa e a utopia moderna](#)