

# Cavitation of bubbles containing mon-, di-. and tri-atomic gases - discussion through modelling of dynamics using the Gilmore equation

University of Southampton, Institute of Sound and Vibration Research, Fluid Dynamics and Acoustics Group - Bubble Cavitation



Description: -

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Jet boats.  
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Cavitation flow  
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Cruisin  
ISVR technical report -- no. 248cavitation of bubbles containing mon-, di-. and tri-atomic gases - discussion through modelling of dynamics using the Gilmore equation  
Notes: Includes bibliographical references.  
This edition was published in 1995



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## Libraries

Dense model canopy had smaller standard deviation S. KRISTENSEN L, 1997, J ATMOS OCEAN TECH, V14, P814.

## Items where Year is 2011

The report describes the treatments and discusses the results of the effort. The relaxation interpretation allows establishing positivity conditions for this VFRoe method. The robustness of the method is tested in the flow around a three-element airfoil with WMLES in the upper boundary layer near the trailing edge of the main element.

## The Influence of Dissolved Carbon Dioxide on Cavitation Intensity in Ultrasound Cleaning Systems

AD-724 272 Forest product technology is currently being directed toward in- novations which may conserve forest resources, reduce timber processing time, and increase cost effectiveness.

## PPPS 2019 (22

Particles are tracked with picosecond temporal resolution out to 1. Nanosecond pulsed plasmas NPPs can efficiently generate ionized and excited species. For low pressures, the similarity laws hold until a higher ionization degree than for high pressures.

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