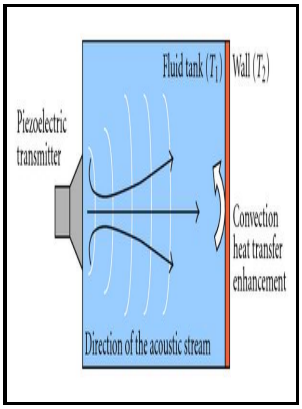
Calculation of convective and condensation heat transfer coefficient to surfaces held in an acoustic field or subjected to mechanical oscillations

- - The effect of acoustic and mechanical oscillation on free convection from heated cylinders in air



Description: -
-calculation of convective and condensation heat transfer coefficient to surfaces held in an acoustic field or subjected to mechanical oscillations
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Notes: Thesis(Ph.D.) - Loughborough University of Technology 1969.
This edition was published in 1969

Tags: #Heat #transfer—A #review #of #2003 #literature

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With liquid nitrogen as the energy meter, the cold boundary temperature can be adjusted to any temperature between 77 K and approximately 300 K by the interposition of a thermal resistance layer between the cold mass and the specimen.

The effect of acoustic and mechanical oscillation on free convection from heated cylinders in air

We discuss the formulation of multi-objective optimization problem and provide an example of the solution of such problem. The first STO mission STO-1 flew in January of 2012 and the second mission STO-2 is planned for December 2015.

The effect of acoustic and mechanical oscillation on free convection from heated cylinders in air

This paper describes our experience with cryogenic operation of AMTF after two years of operation.

Heat transfer—A review of 2003 literature

A novel Gifford-McMahon GM cycle, called an asymmetric GM cycle, is proposed. During the first ten years of operation, much operational experience and lessons learned have been gained.

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