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A Bibliographical Survey of Hydraulic Analogies

THE NEW SOUTH WALES UNIVERSITY OF TECHNOLOGY



BULLETIN No 1

A Bibliographical Survey of Hydraulic Analogies

By

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APRIL 1957

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THE NEW SOUTH WALES UNIVERSITY OF TECHNOLOGY

A BIBLIOGRAPHICAL SURVEY OF
HYDRAULIC ANALOGIES

BY

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F o r e w o r d .

The basic similarities which exist between the flow of water in a shallow channel and the high speed flow of a gas have been realised for many years, and numerous attempts have been made to develop these similarities in the form of analogies by which information relevant to one system can be applied to the other.

The following bibliography, although by no means complete, is intended to show how research on hydraulic analogies has developed during this century. The number of references has been arbitrarily limited to one hundred publications which, as well as giving a chronological history, bring out the most important features in logical sequence. A few references on heat transfer have been included for the sake of completeness.

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