

HUMAN RESPONSE TO VIBRATION LITERATURE COLLECTION

1. Introduction

The majority of persons concerned with human response to vibration already know of the Literature Collection at the Institute of Sound and Vibration Research. Indeed, many have contributed papers to the collection or made use of one or more of the facilities that are offered.

It is not practicable to continually produce up-dated lists of the accessions to the collection and interested persons are encouraged to make direct contact with the literature when requiring assistance in a search for what is available on a particular topic. However, there are plans to produce a new index to the collection every few years. Thus the present paper is designed to remind readers of the facilities of the collection rather than to present a catalogue of the papers possessed.

2. Indexing of Papers

Papers qualify for accession to the collection if they are relevant to the study of human response to vibration

- a) by studying response under certain conditions,
- b) by specifying the conditions to which persons may be exposed, or
- c) by reviewing the subject.

The prime index to papers is by means of the author's name and a card file, catalogued alphabetically by author, is maintained up to date. These cards also contain the full reference to the paper and, where appropriate, an author's abstract or summary. In addition, a new card filing system has been introduced in which all co-authors of papers are filed alphabetically. The reference numbers of all papers they have co-authored are listed on their card. The recent accessions are not yet covered by a comprehensive index of topics.

3. University Theses

It has become apparent that some research conducted at Universities is only published as theses. In view of the length of most theses they are not accessed to the collection but an index of such works is being compiled and, where possible, the author's summary is also acquired.

4. Photocopying Service

Persons requiring copies of papers accessed to the collection may normally receive photocopies within a few days of the return of a completed form (this is necessary as a consequence of the copyright regulations). The photocopies are provided at the cost price of 2½p per page, and to reduce administration difficulties, some departments have chosen to open an account (note: in a very few cases the requestor may be referred to the original source of the paper).

5. Reviews and Abstracts

In an attempt to improve communication between persons working in the field of human response to vibration, an arrangement has been agreed in which the Literature Collection will form the basis of reviews and abstracts to be published in the Journal of Sound and Vibration. The usual format of the section will consist of four abstracts and two reviews of papers concerned with human response to vibration. The reviews will be written by persons with a particular interest in the appropriate topic and will concentrate on those papers of greatest interest. Publication will commence on November 8th and the section will appear in the first number of every volume of the Journal (every two months).

6. Request for Papers

It may be seen from the histogram attached that a large number of papers have been added to the collection in less than two years since the publication of I.S.V.R. Memorandum 373. While some of these have been contributed by the authors, the vast majority are only acquired after personal request or via the services of one of the many libraries. Authors who send copies of their papers to the collection considerably assist our task of providing an up-to-date service and they also gain a wider circulation for their paper. We would like to encourage others to ensure that their papers find their way to the collection as soon as possible after publication.

7. Acknowledgements

We are continually grateful to those who assist in the endless search for literature and we are especially pleased that, slowly, Universities, Government Departments and Industry are becoming aware of the facilities offered by the Literature Collection.

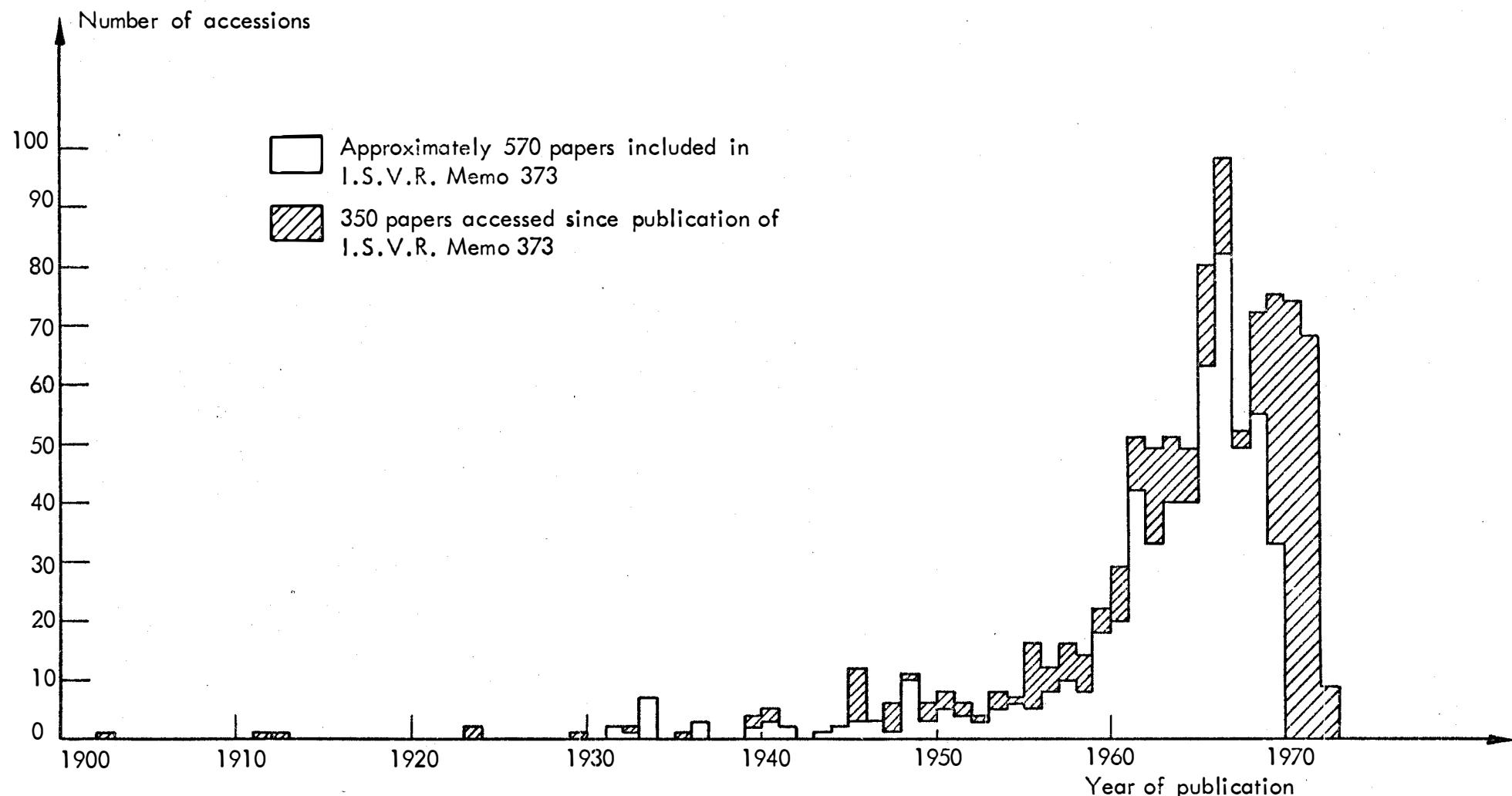
The administration associated with the collection is a varied task requiring both imagination and stamina. During the past twenty-two months all this work has been done by Mrs. Mary Hawkins and I am sure many people are grateful for the prompt services she has provided. However, Mary will soon be leaving Southampton and from the first of October the collection will be administered by Jacqueline Riddett.

Reference

Guignard, J.C. and Guignard, Elsa (1970)
Human response to vibration: a critical survey of published work
ISVR Memorandum No. 373

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HISTOGRAM SHOWING THE YEAR OF PUBLICATION OF ACCESSIONS TO THE HUMAN RESPONSE TO VIBRATION
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