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Bibliography of Temperature Measurement

July 1960 to December 1965



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Bibliography of Temperature Measurement

July 1960 to December 1965

Lief O. Olsen and Carl Halpern

Institute for Applied Technology
National Bureau of Standards
Washington, D.C. 20234



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Carl Halpern

(May 9, 1963)

There are presented in this supplement to NBS Monograph 27, "Bibliography of Temperature Measurement, January 1953 to June 1960" issued April 6, 1961, about 700 additional references to the field of temperature measurement. The period covered is from July 1960 to December 1962 with some earlier references which came to our attention. The arrangement of material is the same as in Monograph 27, and the journal abbreviations used are those employed in Chemical Abstracts.

Introduction

The material contained herein was collected from two general sources: scientific and technical journals and reports of investigations sponsored or conducted by various governmental agencies. English, German, and French journals and translations in English of Russian journals were covered as well as the more commonly used abstract journals. Some references to material in other languages, obtained from the abstract journals, are also included. To obtain references to governmental reports the following were consulted: Technical Abstract Bulletin, Armed Services Technical Information Agency (ASTIA); U.S. Government Research Reports, Office of Technical Information, U.S. Department of Commerce; and Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration (NASA). While reasonably complete coverage was intended, it is inevitable that oversights and other unintentional omissions have occurred.

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Bibliography of Temperature Measurement

January 1963 to December 1965

Lief O. Olsen and Carl Halpern

BIBLIOGRAPHY of TEMPERATURE MEASUREMENT

January 1963 to December 1965

Lief O. Olsen and Carl Halpern

There are presented in this supplement to NBS Monograph 27, "Bibliography of Temperature Measurement, January 1953 to June 1960" issued April 6, 1961 and Supplement 1, July 1960 to December 1962 issued September 13, 1963, about 1200 additional references to the field of temperature measurement. The period covered is from January 1963 to December 1965 with some earlier references which came to our attention. With the exception of Part 1 which has been changed to include theory; calibration and temperature scales, the arrangement of material is the same as in Monograph 27. The journal abbreviations used are those employed in Chemical Abstracts.

Key words: Temperature, thermometry, thermocouples, thermistors, resistance thermometer, and radiation pyrometry

INTRODUCTION

The material contained herein was collected from two general sources: scientific and technical journals and reports of investigations sponsored or conducted by various governmental agencies. English, German, and French journals and translations in English of Russian journals were covered as well as the more commonly used abstract journals. Some references to material in other languages, obtained from the abstract journals, are also included. To obtain references to governmental reports the following were consulted: Technical abstract Bulletin, Armed Services Technical Information Agency; Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration (NASA); Nuclear Science Abstracts, United States Atomic Energy Commission; and U.S. Government Research Reports, Office of Technical Information, U.S. Department of Commerce. While reasonably complete coverage was intended, it is inevitable that oversights and other unintentional omissions have occurred.

The topical subdivisions are shown in the table of contents. Each subdivision is arranged chronologically and within the chronological sections, alphabetically by author. "Anonymous" articles appear at the end of each section.

The period covered is from January 1963 to December 1965 with some earlier entries which had been overlooked in the original bibliography NBS Monograph 27 and its first supplement.

The journal abbreviations used are those employed in Chemical Abstracts. Volume numbers are underlined and date of issue is given where page numbers do not run consecutively throughout a given volume. Since the year of issue appears at the head of each chronological section, this is not repeated in the individual references.

Numbers prefixed by the letters AD refer to report numbers in the Technical Abstract Bulletin; those by N63, N64, and N65 are identifying numbers in the Scientific and Technical Aerospace Reports; and those by NSA refer to the report numbers in Nuclear Science Abstracts.

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