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12. BIBLIOGRAPHY

12.1 Introduction

The material contained herein was collected from two general sources: (1) scientific, technical, and trade journals and (2) reports of investigations sponsored or conducted by various governmental agencies. The material is an addition to the references and bibliographies appended to the other sections of the manual. The entries are generally for the period 1963 to 1967, with a few earlier and later items that were brought to our attention. Because of the rapid expansion of the technology, the list does not claim to be exhaustive. Not all of the items are necessarily of current interest, since a few years have made obsolete many that can now be considered only source material of historic interest.

While reasonable coverage was intended, it is inevitable that oversights and other unintentional omissions have occurred; however, references to the various volumes and parts of the series "Temperature, Its Measurement and Control in Science and Industry" were deliberately omitted because the many references to the series throughout the manual are sufficient to assure reference to the series.

The method used to identify the periodicals follows that used in ASTM *Special Technical Publication 329*, 1963 and *STP 329-51*, 1964 *Coden for Periodical Titles*. For the convenience of the reader who may not have access to these publications, the Coden used in this bibliography are identified in Section 12.3. Numbers prefixed by the letters AD refer to report numbers in the U. S. Government Technical Abstract Bulletin; those by N63, etc., are identifying numbers in the Scientific and Technical Aerospace Reports.

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12.3 Coden for Periodical Titles

<i>CODEN</i>	<i>Title</i>
ANCH	Analytical Chemistry
ASMS	American Society of Mechanical Engineers, Paper
ASTE	American Society for Testing and Materials, Proceedings, Committee Reports, Technical Papers
ASTT	American Society for Testing and Materials, Special Technical Publication
ATEL	Avto Matika I Telemekhanika (USSR)
AUSV	Automaticheskaya Svarka (USSR) Translated by Administrative Center for Scientific Information and Liaison (UK)
CEEN	Certificated Engineer (UK)
CELE	Communication and Electronics
CENG	Control Engineering
CHEG	Chemical Engineer, The
CJPH	Canadian Journal of Physics
CNTL	Control
CRYO	Cryogenics
DSER	Data Systems Engineering
EITB	Engelhard Industries, Inc., Technical Bulletin
ELEC	Electronics
ELEG	Electronic Engineering
ELOE	Electronic Engineer
ELTE	Electro-Technology
EXMC	Experimental Mechanics
HUTL	Hutnicke Listy (Czech)
INAU	Instruments and Automation
INCS	Instruments and Control Systems
INDL	Industrial Laboratory (USSR)
INET	Instruments and Experimental Techniques (USSR)
INLA	Industrial Laboratories
INPA	Instrument Practice
INSR	Instrumentation
INST	Instruments
INTH	Instrumentation Technology
IRAG	Iron Age, The
IRES	Industrial Research
IRSE	Iron and Steel Engineer
ISAC	Instrument-Automation Conference and Exhibit Proceedings, Annual, Instrument Society of America
ISAJ	Instrument Society of America Journal

<i>CODEN</i>	<i>Title</i>
ISAP	Instrument Society of America Preprint (Paper)
ISAT	Instrument Society of America, Transactions
ISCT	International Science and Technology
ITAE	Institute of Electrical and Electronic Engineers, Transactions on Aerospace and Electronic Systems
IVUK	IZ Vestiya Vysshikh Uchebnykh Zavedeniy, Khimiya i Khimicheskaya Tekhnologiya (USSR)
IZTE	Izmeritel'naya Tekhnika (USSR)
JAMC	Journal of Applied Mechanics (ASME)
JAPI	Journal of Applied Physics
JBAE	Journal of Basic Engineering (ASME)
JEPO	Journal of Engineering for Power (ASME)
JHTR	Journal of Heat Transfer (ASME)
JIME	Journal of the Institute of Metals (UK)
JISI	Journal of Iron and Steel Institute (UK)
JNBC(C)	Journal of Research, National Bureau of Standards, C. Engineering and Instrumentation
JSIN	Journal of Scientific Instruments
LNTJ	Leeds and Northrup Co. Technical Journal
MADE	Machine Design
MEEN	Mechanical Engineering
MEPO	Metal Progress
MESD	Measurements and Data
METL	Metallurgia
MSTC	Measurement Techniques (USSR)
NAAR	National Advisory Committee for Aeronautics, Research Abstracts
NACN	National Advisory Committee for Aeronautics, Technical Notes
NBSE	National Bureau of Standards Technological Papers
NBSM	National Bureau of Standards Monograph
NBST	National Bureau of Standards, Technical News Bulletin
NSSP	National Aeronautics and Space Administration, Special Publication
OGNP	Ogneapory (USSR)
PAPW	Proceedings of the American Power Conference
PEPR	Petroleum Processing
PIML	Proceedings of the Institution of Mechanical Engineers (UK)
POWE	Power
PREN	Product Engineering
PRTE	Pribery i Tekhnika Eksperimenta (USSR)
PTMR	Platinum Metals Review
RNRL	Report of Naval Research Laboratory Progress
RSIN	Review of Scientific Instruments
SAEJ	SAE Journal, Society of Automotive Engineers
SEPP	SAE, Preprint, Society of Automotive Engineers
SPAE	Space Aeronautics
STAE	Scientific and Technical Aerospace Reports (STAR), National Aeronautic and Space Administration
VIDE	Vide (France)
XAER	United States Atomic Energy Commission
ZPMF	Zhurnal Prikladnei Mekhaniki i Tekhnicheskoi Fiziki (USSR)
ZVDL	Zavodskaya Laboratoriya (USSR)