

has recently been issued by the National Science Foundation. Compiled as a result of a survey undertaken by the Battelle Memorial Institute, the volume is entitled *Specialized Science Information Services in the United States*.

For each information center, the directory gives a description of the area of specialization, the types of information services provided, and the publications issued. It also notes any restrictions on availability of information, such as security, proprietary considerations, and society membership. The 530-page directory can be purchased from the Superintendent of Documents, US Government Printing Office, Washington 25, D. C., for \$1.75.

Apparatus

Central Scientific Company of Chicago has published a 20-page booklet describing its kinetic theory apparatus which employs small plastic balls to represent gas molecules in instructional demonstrations of such principles of gas mechanics as Boyle's Law, Avogadro's Law, and Van der Waals' corrections. Copies of Booklet 312 are available without charge from Central Scientific Company, 1700 West Irving Park Road, Chicago 13, Ill.

Air Force Reports

A bibliography of abstracts of reports on basic-research projects supported by the US Air Force and carried out between 1950 and 1956 has recently been issued by the Air Force Office of Scientific Research. The bibliography was compiled by a group in the Library of Congress Technology Division, and is part of a continuing program to study the handling of scientific and technical information.

The 4000 abstracts included in the work are the result of a manual search of technical libraries, government repositories, and 45 domestic and foreign journals. Three thousand papers were found by the searchers in out-of-the-way locations and publications, and the bibliography is said to have made them readily available for the first time. The summaries are indexed by subject, author, contractor, and AFOSR control number. In addition, an accession code has been assigned to each entry to indicate the original source as well as the source from which it may currently be obtained. All of the index entries are coded for direct input into an automatic information storage and retrieval system.

Air Force Scientific Research Bibliography, Volume 1, has 1150 pages and can be ordered from the Superintendent of Documents, US Government Printing Office, Washington 25, D. C., for \$6.75. Volume 2 will appear sometime this year and will cover 1957 and 1958. Volumes covering research after 1960 will be compiled by the Armed Services Technical Information Agency.