1. Record Nr. UNINA9910709515003321 Autore Lederer Paul S **Titolo** Sensor handbook for automatic test, monitoring, diagnostic, and control systems applications to military vehicles and machinery / / Paul S. Lederer Gaithersburg, MD:,: U.S. Dept. of Commerce, National Institute of Pubbl/distr/stampa Standards and Technology, , 1981 Descrizione fisica 1 online resource Collana NBS special publication;; 615 Altri autori (Persone) LedererPaul S Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia 1981. Note generali Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes. Title from PDF title page. Nota di bibliografia Includes bibliographical references. Sommario/riassunto The Sensor Handbook is intended as a guide for those who design, specify, use, and test military automatic test equipment containing sensors. The handbook addresses measurands and principles of measurement, data acquisition, sensor calibration and testing, environmental considerations, stability, durability, reliability, and error assessment. Sensor manufacturers and sensor calibration and evaluation resources are included, as is an annotated bibliography. The handbook is based largely on the present, proved state-of-the-art. Possible future trends are briefly discussed. The handbook is addressed to the general engineer, system designer, or manager with an engineering background. It does not provide the highly detailed technical information needed by the measurement engineer, although

ample references are included for further study.