

# ABSOLUTE RADIOMETRY

Edited by

F. Hengstberger

# Absolute Radiometry Electrically Calibrated Thermal Detectors Of Optical Radiation

**United States. National Bureau of Standards. Technical Information and Publications Division**

## **Absolute Radiometry Electrically Calibrated Thermal Detectors Of Optical Radiation:**

**Absolute Radiometry** F Hengstberger,2012-12-02 Absolute Radiometry Electrically Calibrated Thermal Detectors of Optical Radiation considers the application of absolute radiometry a technique employed in optical radiation metrology for the absolute measurement of radiant power This book is composed of eight chapters and begins with the principles of the absolute measurement of radiant power The subsequent chapters provide the criteria associated with reflectance and transmittance of optical radiation and the parameters used to characterize the performance of radiation detectors A chapter presents an analysis of the temperature distribution in a detector element This topic is followed by discussions of the environmental and instrumental corrections in absolute radiometry The final chapters deal with the alternative optical power scales and direct current substitution methods used in other fields of metrology *Electrically Calibrated Thermal Detectors of Optical Radiation* International Commission on Illumination,1985 **Absolute Radiometry** Franz Hengstberger,1989

Physical Detectors of Optical Radiation Wolfgang Budde,1983 **Optical Engineering** ,1990 **Publications of the National Bureau of Standards ... Catalog** United States. National Bureau of Standards,1979 **Publications of the National Institute of Standards and Technology ... Catalog** National Institute of Standards and Technology (U.S.),1980

**Optical Radiation Measurements** United States. National Bureau of Standards,1972 **Publications of the National Bureau of Standards** United States. National Bureau of Standards,1979 **Publications of the National Bureau of Standards, 1979 Catalog** United States. National Bureau of Standards,1980 **NBS Special Publication** ,1968 **Publications** United States. National Bureau of Standards,1980 **Catalog of National Bureau of Standards Publications, 1966-1976: pt. 1 Citations and abstracts. v. 2. Key word index (A through L)** United States. National Bureau of Standards. Technical Information and Publications Division,1978 **Laser Beam Radiometry** Aaron A. Sanders,1988 **Optical Radiation Measurements** Klaus D. Mielenz,Franc Grum,1979 **Optical Systems Contamination and Degradation** ,1998 **New Technical Books** New York Public Library,1990 Catalog of National Bureau of Standards Publications, 1966-1976 United States. National Bureau of Standards,1978 **Infrared Imaging Systems** ,1995 **Proceedings of the ... International Symposium on Remote Sensing of Environment** ,2003

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