Cavity Ring-Down Spectroscopy: Techniques and Applications

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DESCRIPTION

Cavity Ring-Down Spectroscopy: Techniques and Applications provides a practical overview of this valuable analytical tool, explaining the fundamental concepts and experimental methods, and illustrating important applications. Designed as both an introductory text and a reference source, this book is relevant for scientists unfamiliar with CRDS who are interested in using the technique in their research, as well as experienced users.

ABOUT THE AUTHOR

Giel Berden is a senior scientist at the FOM Institute for Plasma Physics in the Netherlands. Richard Engeln is an Associate Professor in the Department of Applied Physics at Eindhoven Technical University.

FEATURES

Suitable for beginners who need to know where to start in using direct absorption measurements in their research, and for experienced users.
Provides a comprehensive review of new developments and applications of CRD in spectroscopic analysis, atmospheric chemistry, medical diagnostics, and combustion and plasma studies.

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