

CLASSIC REPRINT SERIES

PRECISION SPECTROSCOPY,  
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Selected Publications of the Optical  
Frequency Measurement Group of  
the Time and Frequency Division



by  
Leo Hollberg

Forgotten Books

# Precision Spectroscopy Diode Lasers And Optical Frequency Measurement Technology

**Brendan G. Carr**



## **Precision Spectroscopy Diode Lasers And Optical Frequency Measurement Technology:**

Precision Spectroscopy, Diode Lasers, and Optical Frequency Measurement Technology Leo Hollberg, 2017-10-28 Excerpt from Precision Spectroscopy Diode Lasers and Optical Frequency Measurement Technology Selected Publications of the Optical Frequency Measurement Group of the Time and Frequency Division Older publications may be purchased from the National Technical Information Service whose website is or phone 703 487 4650 About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work Forgotten Books uses state of the art technology to digitally reconstruct the work preserving the original format whilst repairing imperfections present in the aged copy In rare cases an imperfection in the original such as a blemish or missing page may be replicated in our edition We do however repair the vast majority of imperfections successfully any imperfections that remain are intentionally left to preserve the state of such historical works Precision Spectroscopy Diode Lasers and Optical Frequency Measurement Technology Leo Hollberg, 1998 This compilation is a selected set of reprints from the Optical Frequency Measurement Group of the Time and Frequency Division of the National Institute of Standards and Technology and consists of work published between 1987 and 1997 The two main programs represented here are 1 development of tunable diode laser technology for scientific applications and precision measurements and 2 research toward the goal of realizing optical frequency measurements and synthesis The papers are organized chronologically in five somewhat arbitrarily chosen categories Diode Laser Technology Tunable Laser Systems Laser Spectroscopy Optical Synthesis and Extended Wavelength Coverage and Multi Photon Interactions and Optical Coherences

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*Laser Frequency Stabilization, Standards, Measurement, and Applications* John L. Hall, Jun Ye,2001 [Publications of the National Institute of Standards and Technology ... Catalog](#) National Institute of Standards and Technology (U.S.),1987

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States. National Bureau of Standards,1987

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