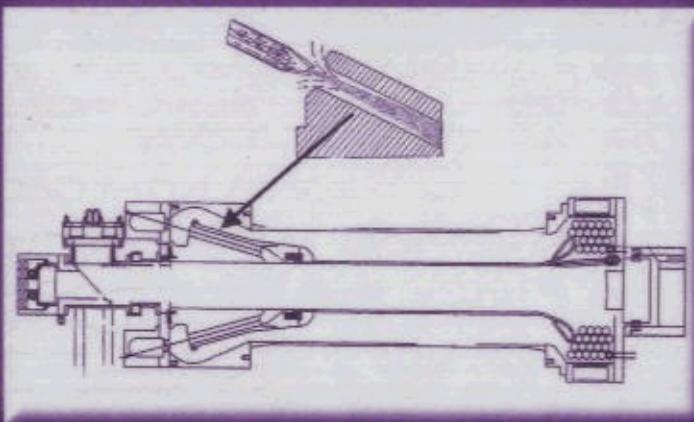
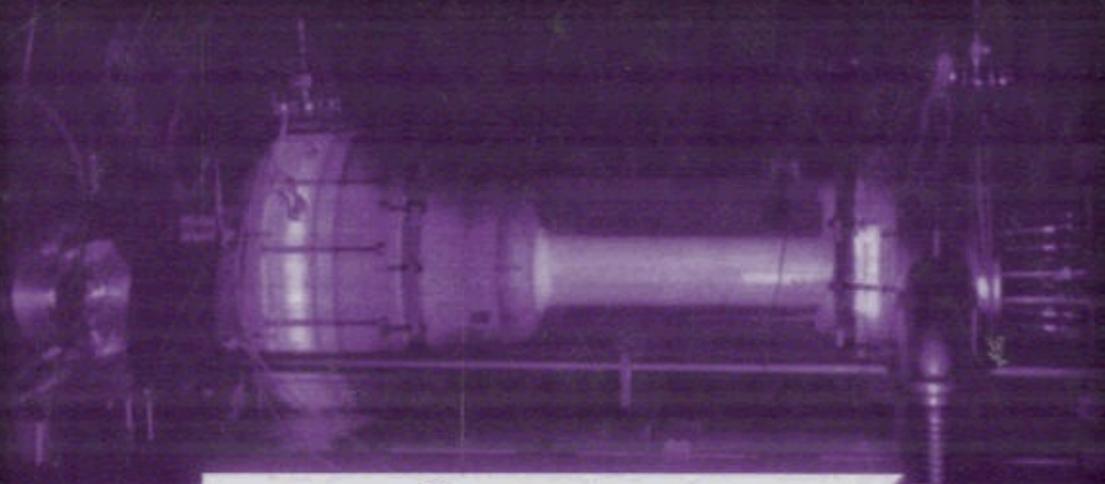


Gas Lasers



edited by
Masamori Endo
Robert F. Walter

Table of Contents

Chapter 1 Principles of Gas Lasers	1
<i>Krzysztof M. Abramski and Edward F. Plinski</i>	
Chapter 2 Fluid Dynamics	39
<i>Anatoly S. Boreysho, Andrey V. Savin and Victor M. Malkov</i>	
Chapter 3 Optical Resonators	161
<i>Anatoly P. Napartovich</i>	
Chapter 4 Electric Circuits	183
<i>Vladimir V. Khukharev</i>	
Chapter 5 Electric Discharge CO Lasers	201
<i>Andrey A. Ionin</i>	
Chapter 6A DC-Excited Continuous-Wave Conventional and RF-Excited Waveguide CO ₂ Lasers	239
<i>Edward F. Plinski and Krzysztof M. Abramski</i>	
Chapter 6B High-Power Electric CO ₂ Lasers	287
<i>Alan E. Hill</i>	
Chapter 7 Hydrogen and Deuterium Fluoride Chemical Lasers	341
<i>Wilhelm H. Behrens and Peter D. Lohn</i>	
Chapter 8 Excimer and Exciplex Lasers	369
<i>Sergey I. Yakovlenko</i>	
Chapter 9 Atomic Iodine Lasers	413
<i>Steven J. Davis, William E. McDermott, and Michael C. Heaven</i>	
Chapter 10 Metal Vapor Lasers	449
<i>Nikola V. Sabotinov</i>	
Chapter 11 Other Gas Lasers	497
<i>Krzysztof M. Abramski and Edward F. Plinski</i>	
Index	541