# THEORY OF DIELECTRIC OPTICAL WAVEGUIDES

*Second Edition*

*Dietrich Marcuse*

AT&T Bell Laboratories
Crawford Hill Laboratory
Holmdel, New Jersey

AT&T

Published by arrangement
with AT&T

ACADEMIC PRESS, INC.
*Harcourt Brace Jovanovich, Publishers*
Boston San Diego New York
London Sydney Tokyo Toronto

# CONTENTS

## Chapter 3. **Coupled Mode Theory**



## Chapter 4. **Applications of the Coupled Mode Theory**



## Chapter 5. **Coupled Power Theory**



## Chapter 6. **Theory of the Directional Coupler**



## Chapter 7. **Grating-Assisted Direction Couplers**