



## C O N T E N T S

The Processing of RZ-2 Glass .....	9
High Power Carbon Dioxide Lasers .....	17
Sealing of Gases Under Positive Pressure .....	34
Outgassing from Glass by Bombardment with Electrons .....	37
Properties of Molten Glass at High Temperatures: Expansion Coefficients .....	42
Superconducting Glass-to-Metal Seals .....	53
The Physics of Glass .....	56
Suitability of Iron-Nickel-Cobalt Alloy to Glass Seals for Cryogenic Use .....	65
Superconducting Materials—Principles and Applications .....	71
A Simple Comparator for Comparing Sealing Glasses .....	93