



№ 1503

TABLE OF CONTENTS

UNIVERSIDAD NACIONAL DE ENTRE RIOS
FACULTAD DE INGENIERIA
CENTRO DE MEDIOS
BIBLIOTECA

TABLE OF CONTENTS

CENTRO DE MEDIOS
BIBLIOTECA

Measurement of Exposure and the Calibration of Ion Chambers	1
E. Burnell Hranitzky	
Radiation Detectors in Radiotherapy	19
Ann E. Wright	
The Assay of Beta and Gamma Sources in Medicine and Biology	35
Audrey V. Wegst	
Statistical and Error Analysis in Medical Physics	69
Michael Millner, Robert G. Waggener, and Bhaskaran K. Pillai	
Calibration of Low Energy X-Ray Units (10 to 20 KV)	93
James E. Nunnally	
Calibration of Medium Energy X-Ray Units (10 to 300 KV)	103
Gary D. Fullerton and Royce L. Gragg	
Calibration of Megavoltage X-Ray and Co-60 Units Used in Radiotherapy	119
Robert J. Shalek	
Calibration of Megavoltage Electron Radiotherapy Beams	137
Peter R. Almond	
Routine Clinical Dosimetry	181
Vincent Sampiere	
Brachytherapy Dosimetry	197
Marilyn Stovall	
Neutrons and Heavy Charged Particles Used in Radiation Therapy	217
Charles A. Kelsey and Alfred R. Smith	
Time, Dose Fractionation and Volume Relationships in Radiotherapy	265
Colin G. Orton	
Index	295