

# TABLE OF CONTENTS

## Volume I

Chapter 1	
Functional Behavior of Orthopedic Biomaterials .....	1
<b>P. Ducheyne and G. W. Hastings</b>	
Chapter 2	
Yield Characteristics of Cortical Bone.....	9
<b>D. R. Carter and T. M. Wright</b>	
Chapter 3	
Macroscopic Directionality in Bone .....	37
<b>T. M. Wright and D. R. Carter</b>	
Chapter 4	
Principles and Methods of Solid Biomechanics.....	51
<b>R. Huiskes</b>	
Chapter 5	
Dynamic Analysis of Human Bones.....	99
<b>G. Van der Perre</b>	
Index .....	161