

CONTENTS

<i>Chapter</i>	<i>Page</i>
<i>Preface</i>	v
<i>Introduction</i>	xi
1 <i>Control systems and the analysis of their behaviour</i>	1
2 <i>The inductances and time-constants of the windings of D.C. machines</i>	60
3 <i>The static characteristics of ordinary D.C. generators, and of some simple combinations, when separately excited</i>	92
4 <i>The dynamic characteristics of separately excited D.C. generators, and of some simple combinations of D.C. dynamos</i>	112
5 <i>Cross-field and armature excited dynamos: the Rosenberg generator, the Amplidyne, the Metadyne, and the Magnicon</i>	162
6 <i>Machines with heterogeneous pole systems</i>	206
7 <i>Some simple forms of feed-back that are useful in conjunction with sequences of D.C. generators</i>	215
8 <i>Cumulative feeds-back, self-excitation, and the three-field generator</i>	245
9 <i>Unsymmetrical forms of cross-field machines</i>	269
10 <i>Torque motors and linear stroke motors</i>	280
<i>Bibliography and references</i>	298
<i>Index</i>	303