## CONTENTS

<table>
<thead>
<tr>
<th>CHAP.</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Preliminary considerations</td>
<td>1</td>
</tr>
<tr>
<td>II. Inductance</td>
<td>29</td>
</tr>
<tr>
<td>III. The flow of Single Phase Alternating Currents in Circuits possessing Resistance, Inductance and Capacity</td>
<td>40</td>
</tr>
<tr>
<td>IV. Power in Alternating Current Circuits</td>
<td>62</td>
</tr>
<tr>
<td>V. Multiphase Currents</td>
<td>70</td>
</tr>
<tr>
<td>VI. Instruments for use on Alternating Current Circuits</td>
<td>98</td>
</tr>
<tr>
<td>VII. Alternators</td>
<td>142</td>
</tr>
<tr>
<td>VIII. Static Transformers</td>
<td>188</td>
</tr>
<tr>
<td>IX. Induction Motors</td>
<td>224</td>
</tr>
<tr>
<td>X. Converting Plant</td>
<td>258</td>
</tr>
<tr>
<td>XI. Switchgear and Protective Appliances; High Tension Transmission</td>
<td>298</td>
</tr>
</tbody>
</table>

**Index** | 351

---

Fig. 140 | between pages 204–5
```
167 | 242–3
210 | 320–1
220 | 320–1
```