

Contents

<i>Preface</i>	v
<i>Symbols and Units</i>	viii
1. <i>Acceleration and Deflection of Electrons</i>	A1-1
<i>Appendix A-1 Electrostatic Focusing</i>	A1-11
2. <i>Magnetic Deflection of Electrons</i>	A2-17
3. <i>Helical Motion of Electrons</i>	A3-25
4. <i>Time of Flight of Electrons</i>	A4-35
5. <i>Exponential Relaxation</i>	A5-47
6. <i>Damped Oscillations</i>	A6-59
<i>Appendix A-6 Complex Frequency</i>	A6-69
7. <i>Frequency Response</i>	A7-73
8. <i>Resonance</i>	A8-81
<i>Appendix A-8 Complex Excitation Function</i>	A8-85
9. <i>Nonlinearity</i>	A9-87
<i>Appendix A-9 Varactor Diode</i>	A9-94
10. <i>Modulation</i>	A10-97
11. <i>Negative Resistance</i>	A11-103
12. <i>Relaxation Oscillations</i>	A12-109
<i>Appendix A-12 Phase Plane</i>	A12-113