

CONTENTS

PART ONE CORROSION OF COPPER AND ITS ALLOYS

1. Atmospheric Corrosion	3
2. Oxidation	28
3. Corrosion by Gases Other Than Oxygen	51
4. Aqueous Corrosion	71
5. Corrosion in Nonaqueous Liquids	126
6. Stress Corrosion Cracking of Copper Alloys	145
7. Erosion-Corrosion	180
8. Effect of Radiation	193
9. Underground Corrosion	207
10. Corrosion by Microorganisms	230
11. Purposeful Corrosion	234

PART TWO CORROSION OF TIN AND ITS ALLOYS

12. Atmospheric Corrosion	261
13. Corrosion by Gases	274
14. Aqueous Corrosion	282
15. Corrosion in Nonaqueous Liquids	303
16. Tin Plate and Electrochemistry of the Iron-Tin Couple	306
17. The Tin Pest	326
18. Tin Whiskers	334
<i>Appendix</i>	341
<i>Alloy Index</i>	387
<i>Author Index</i>	393
<i>Subject Index</i>	405