

Contents

| | | |
|---|----|-----|
| PREFACE | | |
| <i>Chapter 1</i> | 9 | |
| THE ANCIENT WORLD | | |
| Greek warfare/ Roman defences/ roman fortresses/ Hadrian's Wall | | |
| <i>Chapter 2</i> | 19 | |
| CASTLES OF THE MIDDLE AGES | | |
| Norman strongholds/ Swabian castles in Italy/ The Crusader castles/ The Edwardian castles in Wales/ Caerphilly Castle/ Edward I in Scotland/ Castle- building/ French castles/ Spanish castles/ Italian castles and fortified towns/ Castles and fortified towns in North-West Europe/ The square castle plan | | |
| <i>Chapter 3</i> | 58 | |
| RENAISSANCE FORTIFICATIONS | | |
| Ragusa and Rhodes/ Factors of change: the impact of gunpowder/ The explosive mine/ Early theorists/ Salses/ The introduction of the bastion/ The work of the Sangalli/ Sanmicheli/ The semi-fortified villa: an aristocratic symbol/ Scottish tower houses/ English renaissance forts/ Northern Europe | | |
| <i>Chapter 4</i> | 91 | |
| THE BAROQUE WORLD: DEFENCE IN DEPTH | | |
| The impact of the bastion/ Later Italian theorists/ The printed book/ French writers/ The illustrated book/ Venetian fortifications/ The application of the bastioned trace to the fortification of towns/ Isolated forts and watch-towers/ Italian military engineers in the seventeenth century/ The parts of a fortress/ Vauban/ Lille/ Vauban's followers/ The Dutch School/ French engineers in the eighteenth century/ French designers in Malta/ The struggle for Canada/ India/ Forts in Britain | | |
| <i>Chapter 5</i> | | 140 |
| THE RETURN OF THE TOWER | | |
| English coast towers of the sixteenth century/ The growth of the gun tower/ The development of the keep/ The British use of gun towers/ The Martello towers in England/ The Martello towers in Ireland/ The French towers/ The Martello towers overseas/ The continuation of Martello building/ Other gun tower projects on the Continent | | |
| <i>Chapter 6</i> | | 157 |
| THE NINETEENTH CENTURY: ESCALATION | | |
| The Romantic image/ The lines of Torres Vedras/ British theorists/ Europe refortified: the Belgian barrier/ German fortifications/ Koblenz/ Germersheim/ Ingolstadt/ Ulm/ Austrian fortifications/ Poland/ Prussia in Poland/ Austria in Poland/ Russia in Poland/ Coast defence theory/ Gibraltar and Jersey/ The Crimean War/ The American states/ The American Civil War/ New technology/ Iron fortifications/ The defence of British ports/ Bermuda/ Canada/ British forts on Malta/ The impact of technology/ The development of permanent fortifications in the late nineteenth century/ The ring-fortresses of Western Europe/ the New Dutch Water Line/ The German feste/ | | |
| <i>Chapter 7</i> | | 221 |
| A NEW CENTURY: OLD CONCEPTS | | |
| Lessons of the First World War/ Impact of the First World War/ The Séré de Rivièrre Line/ The Maginot Line/ The Benes Line/ Fort Eben-Emael/ The West Wall/ Hitler's Atlantic Wall/ Britain's precautions against invasion and attack/ Conclusion | | |
| BIBLIOGRAPHY | | 236 |
| GLOSSARY | | 241 |
| INDEX | | 249 |