

1. Record Nr.	UNISALENTO991004155339707536
Autore	Sandrini, Maria Grazia
Titolo	Probabilità e induzione : Carnap e la conferma come concetto semantico / Maria Grazia Sandrini
Pubbl/distr/stampa	Milano : Angeli, 1991
ISBN	8820466147
Descrizione fisica	119 p. ; 22 cm.
Collana	Collana di filosofia ; 37
Soggetti	Probabilità Carnap, Rudolf Carnap, Rudolf
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9911006639203321
Autore	Dillmann P (Philippe)
Titolo	Corrosion of Metallic Heritage Artefacts : Investigation, Conservation and Prediction of Long Term Behaviour
Pubbl/distr/stampa	Burlington, : Elsevier Science, 2007
ISBN	1-84569-301-9
Descrizione fisica	1 online resource (409 p.)
Collana	European Federation of Corrosion (EFC) Series
Altri autori (Persone)	BerangerGerard PiccardoPaolo MatthiessenH
Soggetti	Chemical & Materials Engineering Engineering & Applied Sciences Materials Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Corrosion of metallic heritage artefacts: Investigation, conservation and prediction for long-term behaviour; Copyright; Contents; Contributor contact details; European Federation of Corrosion (EFC)publications: Series introduction; Volumes in the EFC series; Foreword; Preface; 1 Examination and conservation of historical and archaeological metal artefacts: a European overview; 1.1 Introduction; 1.2 How scientific examination and archaeometric studies receive most of the funding; 1.3 The necessity for research on conservation of historical and archaeological artefacts 1.4 Training in conservation science: a chance for better recognition of the discipline?1.5 Pro-active responsibilities for conservators; 1.6 Networking; 1.7 Conclusion; 1.8 References; 2 Corrosion behaviour of low-alloy steels: from ancient past to far future; 2.1 Introduction; 2.2 Uniform corrosion and localized corrosion; 2.3 Atmospheric corrosion; 2.4 Corrosion in soils; 2.5 Corrosion in cementitious environments; 2.6 Conclusion; 2.7 Acknowledgements; 2.8 References; 3 Archaeological metal artefacts and conservation issues: long-term corrosion studies; 3.1 Introduction 3.2 The artefact's history and its material condition3.3 The limit of the

original surface; 3.4 Locating the limit of the original surface; 3.5 Conclusion; 3.6 References; 4 Contribution of iron archaeological artefacts to the estimation of average corrosion rates and the long-term corrosion mechanisms of low-carbon steel buried in soil; 4.1 Introduction; 4.2 Literature review; 4.3 Characterisation of corrosion layouts and mechanisms; 4.4 Average corrosion rate estimation; 4.5 Conclusion; 4.6 Acknowledgements; 4.7 References

5 Electrochemical study of steel artefacts from World War I: Contribution of A.C. impedance spectroscopy and chronoamperometry to describe the behaviour of the corrosion layers

5.1 Introduction; 5.2 Objective and experimental methods; 5.3 Specific electrochemical behaviour depending on the corrosion layers; 5.4 Advanced electrochemical study of the internal corrosion layer; 5.5 Conclusion; 5.6 References; 6 Species transport in the corrosion products of ferrous archaeological analogues: a contribution to the modelling of long-term iron corrosion mechanisms; 6.1 Introduction

6.2 Analysed corpus and experimental methods 6.3 Results and discussion; 6.4 Corrosion rates evaluation; 6.5 Conclusion; 6.6 References; 7 Long-term behaviour of iron embedded in concrete: from the characterisation of archaeological analogues to the verification of the oxygen reduction as the limiting step for corrosion rate; 7.1 Introduction; 7.2 Characterisation of long-term corrosion layout of iron embedded in old binders; 7.3 Proposition of a modelling approach for the corrosion of iron in concrete; 7.4 Conclusion; 7.6 Acknowledgements; 7.6 References

8 Study of the atmospheric corrosion of iron by ageing historical artefacts and contemporary low-alloy steel in a climatic chamber: comparison with mechanistic modelling

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## Sommario/riassunto

Understanding long term corrosion processes is critical in many areas, including archaeology and conservation. This important book reviews key themes such as the processes underlying corrosion over long periods, how corrosion rates can be measured and materials conserved. After an overview of the study and conservation of metal archaeological artefacts, a group of chapters reviews long term corrosion in metals such as steel, iron and bronze. Other chapters review the impact of environmental factors on corrosion rates. The book also considers instrumental techniques for measuring corrosi

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