

1. Record Nr.	UNINA9910460927503321
Autore	Shaw Ian
Titolo	Ancient Egyptian technology and innovation : transformations in pharaonic material culture // Ian Shaw
Pubbl/distr/stampa	London, England ; ; New York, New York : , : Bloomsbury Academic, , 2013 ©2012
ISBN	1-4725-1959-0
Descrizione fisica	1 online resource (215 p.)
Collana	BCP Egyptology
Disciplina	600
Soggetti	Technology - Egypt - History - To 1500 Technological innovations - Egypt - History - To 1500 Material culture - Egypt Electronic books. Egypt Civilization To 332 B.C
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; Preface; Acknowledgements; List of illustrations; Chronology; 1. Introduction: towards an explicitly anthropological analysis of technological change and innovation in ancient Egypt; 2. Analysing Egyptian technological dynamics: was Egyptian technology underpinned and framed by 'science'?; 3. Writing: human communication as social technology; 4. Medicine, magic and pharmacy: the fusion of science and art; 5. Stone-working: the synthesis of traditional chaines opératoires and ideological innovations; 6. Mummification and glass-working: issues of definition and process 7. Chariot production: technical choice and socio-political change8. Military hardware: the east Mediterranean knowledge economy and the emergence of the Iron Age in Egypt; 9. Technology embedded in urban society: finding the individual in the general; 10. Conclusions; Appendix 1. Measuring space; Appendix 2. Measuring time; Appendix 3. Astronomy and astrology; Abbreviations; Bibliography; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; Ancient Egyptian terms; Assyrian terms

## Sommario/riassunto

This book examines the fundamental evidence for many different aspects of change and evolution in ancient Egyptian technology. It includes discussion of the wider cognitive and social contexts, such as the Egyptian propensity for mental creativity and innovation, and the pace of change in Egypt in comparison with other African, Mediterranean and Near Eastern states. This book draws not only on traditional archaeological and textual sources but also on the results of scientific analyses of ancient materials and on experimental and ethno-archaeological information. Case-studies analyse those

---