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Digital Hampi: Preserving Indian Cultural Heritage / / edited by Anupama Mallik, Santanu Chaudhury, Vijay Chandru, Sharada Srinivasan
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1 online resource (xiv, 403 pages) : illustrations
363.69
User interfaces (Computer systems)
Application software
Multimedia information systems
Computers and civilization
User Interfaces and Human Computer Interaction
Information Systems Applications (incl. Internet)
Multimedia Information Systems
Computer Applications Computers and Society
Inglese
Materiale a stampa
Monografia
Section 1 – Modelling & Representing Tangible Heritage of Hampi:

1.

	historic inscription images Section 3 – Social Life, Living tradition: Chapter 13. Architectural & Social Life reconstruction of Bazar streets of Hampi: Vijayanagara Period Chapter 14. Creating Personalized Avatars Chapter 15. Vijayanagar Intangible heritage through Vijayadashami tradition Section 4 – Ontology & Knowledge Bank: Chapter 16. An intellectual exploration of the Girija Kalyana Chapter 17. The Knowledge Bank of IDH – Hampi.
Sommario/riassunto	The book represents the culmination of a hugely successful heritage preservation project initiated by the Government of India's Department of Science and Technology. It presents extensive research on the digital preservation of the history, mythology, art, architecture and culture of the world heritage site Hampi in Karnataka, the seat of the Vijayanagara dynasty in medieval India. Further, the book introduces readers to a range of techniques developed by Indian technical research groups for digitally preserving both the tangible and intangible cultural heritage of the region. These techniques are sufficiently generic to be applied in heritage preservation efforts for other historical sites around the world as well. Technological advances have made it possible to not only create digital archives of these heritage artifacts, but to also share these resources for people to view, explore, experience, and analyze. This book showcases how cutting-edge technology can be combined with cultural and historical research to digitize and preserve heritage. It is the consolidation of work conducted under the Indian Digital Heritage project, a unique initiative of the Department of Science & Technology (DST), Government of India's tangible and intangible heritage. It highlights the art, architecture, and cultural legacy of the world heritage site of Hampi in Karnataka, the medieval capital of the 14th-16th century Vijayanagara dynasty. The contributors to this book are scientists and technology experts from prominent academic institutes in India such as the IITs (Indian Institutes of Technology), NIIT, and NID (National Institute of Design) working in collaboration with some of India's top architects, art historians, anthropologists, heritage groups and multi-disciplinary cultural institutions such as the National Institute of Advanced Studies (NIAS). Their papers will introduce readers to cutting-edge technologies from research areas such as computer vision, 3D modeling and artificial intelligence as they are employed to pr
	life, social life and traditions of Hampi. Lastly, Part 4 addresses the knowledge-based archiving and exploration of cultural heritage.