

1. Record Nr.	UNINA9910778820703321
Titolo	Light on the path [[electronic resource]] : the anthropology and history of the southeastern Indians / / edited by Thomas J. Pluckhahn and Robbie Ethridge
Pubbl/distr/stampa	Tuscaloosa, : University of Alabama Press, c2006
ISBN	0-8173-8419-7
Descrizione fisica	1 online resource (298 p.)
Altri autori (Persone)	HudsonCharles M PluckhahnThomas J <1966-> (Thomas John) EthridgeRobbie Franklyn <1955->
Disciplina	975.004/97
Soggetti	Mississippian culture - Southern States Chiefdoms - Southern States Indians of North America - Southern States - History Indians of North America - Southern States - Antiquities Southern States History Southern States Antiquities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Contains much of the proceedings of a day-long symposium honoring Charles Hudson on the occasion of his retirement from the University of Georgia."--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction / Thomas J. Pluckhahn ... [et al.] -- The nature of Mississippian regional systems / David J. Hally -- Lithics, shellfish, and beavers / Mark Williams and Scott Jones -- The Cussita migration legend : history, ideology, and the politics of mythmaking / Steven C. Hahn -- Coalescent societies / Stephen A. Kowalewski -- "A bold and warlike people" : the basis of Westo power / Eric Bowne -- New light on the Tsali affair / William Martin Jurgelski -- "A sprightly lover is the most prevailing missionary" : intermarriage between Europeans and Indians in the eighteenth-century South / Theda Perdue -- The historic period transformation of Mississippian societies / Adam King -- Bridging prehistory and history in the southeast : evaluating the utility of the acculturation concept / John E. Worth -- Creating the shatter zone : Indian slave traders and the collapse of the southeastern

chiefdoms / Robbie Ethridge.

Sommario/riassunto

A seamless social history of the native peoples of the American South, bridging prehistory and history. The past 20 years have witnessed a change in the study of the prehistory and history of the native peoples of the American South. This paradigm shift is the bridging of prehistory and history to fashion a seamless social history that includes not only the 16th-century Late Mississippian period and the 18th-century colonial period but also the largely forgotten--and critically important--century in between. The shift is in part methodological, for it involves com

2. Record Nr.

Autore

UNINA9910822518003321

Titolo

Paret Dominique

Pubbl/distr/stampa

Design constraints for NFC devices / / Dominique Paret

ISBN

Hoboken, New Jersey : , : ISTE Ltd/John Wiley and Sons Inc, , 2016

1-119-29221-2

1-119-29220-4

Descrizione fisica

1 online resource (226 p.)

Collana

Waves series

Disciplina

621.4

Soggetti

Near-field communication

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; Title Page; Copyright; Contents; Acknowledgements; Preface: Why and for Whom is this Book Written?; Why; For whom; Warning; Introduction; PART 1: Introduction to - and Reminders About - NFC; Introduction to Part 1; 1: Recap of the Principles Employed in NFC; 1.1. The physical fundaments of "contactless" and NFC; 1.1.1. Phenomenon of propagation and radiation; 1.1.2. Classification of fields and spatial regions; 1.1.3. Spatial regions; 1.1.4. Far field: $r \gg \lambda/2$ (Fraunhofer zone); 1.1.5. Intermediary field: r approximately equal to $\lambda/2$ (Fresnel zone); 1.1.6. Near field: $r \ll \lambda/2$ (Rayleigh zone) and the origin of NFC; 1.1.7. Remarks on contactless, RFID and NFC applications; 1.2. The concept of

NFC; 1.2.1. Biot-Savart law; 1.2.2. Field H at a point on the axis of a circular antenna; 1.2.3. Decrease in the field H as a function of "d"; 1.2.4. Field H at a point on the axis of a rectangular antenna; 2: Normative Constraints of NFC; 2.1. Introduction; 2.1.1. Normative, regulatory and NFC market constraints; 2.1.2. A little bit of vocabulary; 2.1.3. Norm; 2.1.4. Standard; 2.2. Normative constraints; 2.2.1. Uplink from initiator to targets

2.2.1.1. Forward link - from the initiator to the target2.2.1.1.1. Supplied energy and the concept of supplying the target; 2.2.1.1.2. Remote-powered or batteryless targets; 2.2.1.1.3. Battery-assisted targets; 2.2.1.2. Return link: from target to initiator; 2.2.1.2.1. Active and passive targets; "Passive" targets; "Active" targets; 2.2.1.2.2. Return communication from targets to the initiator; Load modulation; Passive load modulation (PLM); Active load modulation (ALM); Active load modulation - ALM in NFC passive mode; Active load modulation - ALM in NFC active mode

2.2.2. "Contactless" normative constraints on NFC device antennae2.

2.2.1. Uplink: initiator to target; 2.2.2.1.1. Bit encodings and the uplink; Modified-Miller (MM); No return to zero (NRZ); Manchester; Bit encoding-vicinity; Position encoding "1 of 256"; Position encoding "1 of 4"; 2.2.2.1.2. Bit rate; 2.2.2.1.3. Carrier modulation and uplink; Amplitude shift keying modulation; 100% ASK modulation; ASK modulation at 10%; ASK modulation at 10%-30%; 2.2.2.2. Downlink; 2.2.2.2.1. Bits encodings; Manchester coded sub-carrier (MSC); Binary phase shift keying (BPSK); Manchester

2.2.2.3. Summary of the consequences for antennae design2.3.

Conclusion; 3: Regulatory Constraints and Recommendations; 3.1. Regulatory constraints specific to NFC and NFC antennas; 3.1.1. State of RF regulations; 3.1.2. Constraints pertaining to radiation and pollution by NFC; 3.1.3. The ERC 70 03 recommendation and the ETSI 300 330 norm; 3.1.3.1. ERC 70 03; 3.1.3.2. ETSI 300 330; 3.1.3.2.1. The template/spectrum mask; 3.1.3.2.2. Values; 3.2. Constraints due to recommendations; 3.2.1. Exposure of the human body to EM fields; 3.2.1.1. Specific absorption rate (SAR)

3.2.2. Societal constraints due to individual freedoms (privacy)
