



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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Architecture and Modeling of Machine to Machine Communications on Heterogeneous Networks

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Abbreviations

AC	Alternate Current
AES	Advanced Encryption Standard
AMI	Advanced Metering Infrastructure
AP	Access Point
ARQ	Automatic Repeat Request
BER	Bit Error Rate
BLE	Bluetooth Low Energy
B-PLC	Broadband-Power Line Communication
BSS	Basic Service Set
BSS	Base Station Subsystem
BSC	Base Station Controller
B2G	Beyond 2G
CDF	Cumulative Distribution Function
Cds	A cadmium-sulfide
CLCP	Cross Layer Commit Protocol
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CRC	Cyclic Redundancy Check
DIFS	Distributed Coordination Function Inter-Frame Space
DS	Design of Systems on Silicon
DSSS	Direct Sequence Spread Spectrum
ED	Event-Driven
EECP	Energy Efficient Clustering Protocol
EMC	Electromagnetic Compatibility
EPC	Evolved Packet Core
ESS	Extended Service Set
ETSI	European Telecommunications Standard Institute
e-UTRAN	enhanced-UMTS Radio Access Network
FCC	Federal Communications Commission
FDMA	Frequency Division Multiple Access
FEC	Forward Error Correction
FFD	Full Function Device
FHSS	Frequency Hopping Spread Spectrum
FSK	Frequency Shift Keying
FTP	File Transfer Protocol
GERAN	GSM EDGE Radio Access Network
GPRS	General Packet Radio Service
GSM	Global System Mobile