

DAFTAR ISTILAH

3GPP : Third Generation Partnership Project
ACO : Ant Colony Optimization
ACS : Ant Colony System
AMC : Adaptive Modulation and Coding
ANTS : Approximate Nondeterministic Tree Search
AS : Ant System
BER : Bit Error Rate
bps/Hz : bit per second per Hertz
BS : Base Station
CP : Cyclic Prefix
CSI : Channel State Information
EPC : Evolved Packet Core
E-UTRAN : Evolved UMTS Terrestrial Radio Access Network
FFT : Fast Fourier Transform
GGSN : GPRS support node
GPRS : General Packet Radio Service
GSM : Global System for Mobile Telecommunication
HARQ : Hybrid Automatic Repeat reQuest
HSS : Home Subscriber Station
ICI : Intercarrier Interference
IEEE : Institute of Electrical and Electronics Engineers
ISI : Intersymbol Interference
LTE : Long Term Evolution
MMAS : Max-Min Ant System
MME : Mobile Management Entity
OFDM : Orthogonal Frequency Division Multiplexing
OFDMA : Orthogonal Frequency Division Multiple Access
P-GW : PDN Gateway
PCRF : Policy and Charging Rule Function
pdf : probability distribution function
PDN : Packet Data Network
RR : Round Robin

PSO : Particle Swarm Optimization

RB : Resource Block

RE : Resource Element

S-GW : Serving Gateway

SINR : Signal and Interference to Noise Ratio

SISO : Single Input Single Output

SNR : Signal to Noise Ratio

TTI : Transmission Time Interval

UE : User Equipment

UMTS : Universal Mobile Telecommunication System

VLR : Visitor Location Register

WiMAX : Worldwide Interoperability for Microwave Access