

DAFTAR SINGKATAN

D2D	: <i>Device-to-Device</i>
OMA	: <i>Orthogonal Multiple Access</i>
FDMA	: <i>Frequency Division Multiple Access</i>
TDMA	: <i>Time Division Multiple Access</i>
CDMA	: <i>Code Division Multiple Access</i>
OFDMA	: <i>Orthogonal Frequency Division Multiple Access</i>
NOMA	: <i>Non-Orthogonal Multiple Access</i>
LDS-CDMA	: <i>Low Density Spreading CDMA</i>
LDS-OFDMA	: <i>Low Density Spreading Based OFDMA</i>
RACBS-D2D	: <i>Rate Aware Codebook Selection for 5G Systeme</i>
IGWFPA	: <i>Iterative Geometric Water-Filling Based Power Allocation</i>
RCA-D2D	: <i>Rate Codebook Allocation for D2D</i>
OSCA-D2D	: <i>Opportunistic SCMA Codebook Allocation for D2D</i>
DCSA-D2D	: <i>Dual Coordinate Search Based Algorithm for D2D</i>
RB	: <i>Resource Block</i>
LTE	: <i>Long Term Evolution</i>
5G	: <i>Fifth Generation</i>
CSI	: <i>Channel State Information</i>
QoS	: <i>Quality of Service</i>
CU	: <i>Cellular User</i>
DU	: <i>D2D User</i>
$D2D_{tx}$	: <i>Device-to-Device Transmitter</i>
$D2D_{rx}$	: <i>Device-to-Device Receiver</i>
BTS	: <i>Base Transceiver Station</i>
LOS	: <i>Line of Sight</i>

AWGN	: <i>Additive White Gaussian Noise</i>
3GPP	: <i>3rd Generation Partnership Project</i>
eMBB	: <i>Enhanced Mobile Broadband</i>
JFI	: <i>Jain's Fairness Index</i>
MPA	: <i>Message Passing Algorithm</i>
SNR	: <i>Signal-to-Noise Ratio</i>
SINR	: <i>Signal-to-Interference-plus-Noise Ratio</i>
RB	: <i>Resource Block</i>
IDE	: <i>Integrated Development Environment</i>
bps	: <i>Bits per Second</i>
V2V	: <i>Vehicle-to-Vehicle</i>