

## LIST OF ABBREVIATIONS

AI	Artificial Intelligence
ML	Machine Learning
DL	Deep Learning
NN	Neural Network
DNN	Deep Neural Network
CNN	Convolutional Neural Network
RNN	Recurrent Neural Network
FNN	Feedforward Neural Network
Tanh	Hyperbolic Tangent
ReLU	Rectified Linear Unit
MSE	Mean Squared Error
MAE	Mean Absolute Error
BCE	Binary Cross-Entropy
CCE	Categorical Cross-Entropy
OMA	Orthogonal Multiple Access
NOMA	Non-Orthogonal Multiple Access
SCMA	Sparse Code Multiple Access
TDMA	Time Division Multiple Access
CDMA	Code Division Multiple Access
FDMA	Frequency Division Multiple Access
ISM	Iterative Spatial Demapping
AWGN	Adaptive White Gaussian Noise
HDD	Hard Decision Decoding
SNR	Signal-to-Noise Ratio
BER	Bit Error Rate
MI	Mutual Information
BPSK	Binary Phase Shift Keying
LLR	Log-Likelihood Ratio
SIC	Successive Interference Cancellation
MIMO	Multiple Input Multiple Output