
List of Abbreviations

Abbreviations are listed here as used in the introductory part of this Thesis. The abbreviations used in *the Publications* may be Publication specific, and are defined within each Publication.

AR	AutoRegressive
AWGN	Additive White Gaussian Noise
BER	Bit-Error-Rate
BPSK	Binary Phase Shift Keying
CDMA	Code-Division Multiple-Access
CIR	Carrier-to-Interference Ratio
COSSAP	Communications Simulation and System Analysis Program
DS	Direct Sequence
FFT	Fast Fourier Transform
FH	Frequency Hopping
FIR	Finite Impulse Response
GSM	Global System for Mobile Communications
HM	Hammerstein Model
H-N	Heinonen-Neuvo
IEEE	Institute of Electrical and Electronics Engineers, Inc.
IIR	Infinite Impulse Response
LOS	Line of Sight
LS	Least Squares
MDL	Minimum Description Length
MENN	Modified Elman Neural Network
MSE	Mean Squared Error
MUD	MultiUser Detection
NN	Neural Network
NSF	Noise Shaping Filter
PMDL	Predictive Minimum Description Length
PN	Pseudo Noise
QF	Quadratic Filtering
RF	Radio Frequency
SIR	Signal-to-Interference Ratio
SNR	Signal-to-Noise Ratio
SS	Spread Spectrum
WGN	White Gaussian Noise
WM	Wiener Model