



List of Abbreviations

CCD	:	Charge-Coupled Device
AI	:	Artificial Intelligence
DCT	:	Discrete Cosine Transform
DFT	:	Discrete Fourier Transform
FFT	:	Fast Fourier Transform
DWT	:	Discrete Wavelet Transform
KNN	:	K-Nearest Neighbour
MLP	:	Multilayer Perceptron
RBF	:	Radial Basis Function
SVM	:	Support Vector Machine
SOM	:	Self Organizing Map
PCA	:	Principal Component Analysis
HCD	:	Harris Corner Detector
SIFT	:	Scale Invariable Feature Transform
SURF	:	Speed up Robust feature Transform
RANSAC	:	Random Sample Consensus
LDA	:	Linear Discriminant Analysis
FDCT	:	Fast Discrete Curvelet Transform
USFFT	:	Unequally-Spaced Fast Fourier Transform
SSD	:	Sum-of-Squared Differences
MS	:	Mean Shift
ME	:	Motion Estimation
BMA	:	Block Matching Algorithm
LP	:	Laplacian Pyramid