

NOMENCLATURE

APVD	adaptive pixel value differencing
AQVD	adaptive quotient value differencing
BPP	bits per pixel
BPB	bits per byte
DCT	discrete cosine transform
DWT	discrete wavelet transform
dB	decibels
EDD	extracted decimal digit
EMD	exploiting modification directions
EBDS	extracted binary data stream
FFT	fast fourier transform
FOBP	fall off boundary problem
HC	hiding capacity
K-L	kullback–leibler
KLD	kullback–leibler divergence
LSB	least significant bit
LB	lower bound
MF	modulus function
MSE	mean square error
MDPDH	multi-directional pixel difference histogram
MSB	most significant bit
MFPVD	pixel value differencing and modulus function
MAX	maximum
MIN	minimum
MLSB	modified LSB
OI	original Image
PD	pixel difference
PVD	pixel value differencing
PSNR	peak signal-to-noise ratio
PDH	pixel difference histogram
PVC	pixel value correlation

QI	quality index
QVD	quotient value difference
QVC	quotient value correlation
QB	quotient block
RMSE	root mean square error
RS	regular-singular
RR	remainder replacement
RGB	red green blue
RB	remainder block
RR	remainder replacement
SI	stego-image
SPAM	subtractive pixel adjacency matrix
SSIM	structural similarity
SV	Stego-value
TPVD	tri-PVD
UB	upper bound
WPSNR	weighted peak signal-to-noise ratio
2D	2-dimensional
1D PVD	one directional PVD
2D PVD	two directional PVD
3D PVD	three directional PVD
5D PVD	five directional PVD
8D PVD	eight directional PVD
1D PDH	one directional PDH
2D PDH	two directional PDH
3D PDH	three directional PDH
5D PDH	five directional PDH
8D PDH	eight directional PDH