

# Abbreviations

<b>DCT</b>	Discrete Cosine Transform
<b>DWT</b>	Discrete Wavelet Transform
<b>BTC</b>	Block Truncation Coding
<b>SVD</b>	Singular Value Decomposition
<b>DNT</b>	Divisive Normalization Transform
<b>RST</b>	Rotation, Scaling and Translation

# Symbols

$I$	Cover or Host image
$I_w$	Watermarked image
$A_{b_1}$	Authentication bit first
$A_{b_2}$	Authentication bit second
$\alpha$	Scaling factor or gain factor
$\gamma$	Tampering rate