What is claimed is:

1. A method of decoding video, the method comprising:

obtaining a bin string corresponding to current transformation coefficient level information by arithmetic decoding a bitstream;

determining a current binarization parameter, for determining a prefix bin string and a suffix bin string from the bin string, to be one of (i) a previous binarization parameter and (ii) an updated value of the previous binarization parameter obtained by adding n to the previous binarization parameter, where n is integer, and n is equal to or greater than 1, based on a comparison between a predetermined value that is proportional to the previous binarization parameter and a value of a previous transformation coefficient;

obtaining the current transformation coefficient level information by de-binarizing binary values of the prefix bin string and binary values of the suffix bin string using the determined current binarization parameter;

determining a value of the current transformation coefficient using the current transformation coefficient level information; and

decoding data included in a transformation unit using inverse quantization and reverse transformation based on the value of the current transformation coefficient,

wherein the binary values of the prefix bin string is obtained according to a first de-binarization method, and the binary values of the suffix bin string is obtained according to a second de-binarization method different from the first de-binarization method,

wherein, when the value of the previous transformation coefficient is equal to or smaller than the predetermined value, the current binarization parameter is determined to be the previous binarization parameter, and when the value of the previous transformation coefficient is larger than the predetermined value, the current binarization parameter is determined to be the updated value.