Claims

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

obtaining bit strings corresponding to current transformation coefficient level information by arithmetic decoding a bitstream based on a context model;

determining a current binarization parameter by updating or maintaining a previous binarization parameter based on a comparison of a predetermined value and a size of a previous transformation coefficient;

obtaining the current transformation coefficient level information by performing de-binarization of the bit strings using the determined current binarization parameter; and

generating a size of a current transformation coefficient using the current transformation coefficient level information,

wherein the predetermined value is proportional to the previous binarization parameter, and when the previous binarization parameter is determined to be updated, the current binarization parameter is determined as a value obtained by adding n to the previous binarization parameter, where n is integer, and n is equal to or greater than 1.

Claims

1. A video decoding method comprising:

obtaining a bit stream corresponding to current transformation coefficient level information by performing an arithmetic decoding based on a context model with respect to a bitstream;

determining a current binarization parameter by updating or maintaining a previous binarization parameter based on a result of comparing a predetermined threshold value obtained based on the previous binarization parameter and a previous transformation coefficient;

acquiring the current transformation coefficient level information by de-binarizing the bitstream by using the current binarization parameter; and

generating a size of the current transformation coefficient by using the current transformation coefficient level information,

wherein the predetermined threshold value is in proportion with the previous binarization parameter, and if the current binarization parameter is determined by updating the previous binarization parameter, the current binarization parameter is a value obtained by adding n (n is 1 or greater integer) to the previous binarization parameter.