WHAT IS CLAIMED IS:

1. A method for video decoding, comprising:

receiving coded information of pictures in a coded video sequence, the coded information including a coding tree unit (CTU) size information that indicates a CTU size selected for the pictures, the CTU size information being encoded using a truncated unary code;

determining the selected CTU size based on the CTU size information encoded using the truncated unary code; and

reconstructing samples in the pictures based on the selected CTU size.

2. The method of claim 1, wherein the selected CTU size is 32x32, 64x64, or 128x128 luma samples.

3. The method of claim 2, wherein the determining the selected CTU size comprises:

determining, based on the CTU size information encoded using the truncated unary code, a coded value from a bit string in the coded information, a maximum number of bits in the bit string being 2, the coded value being 0, 1, and 2 when the bit string is 0, 10, and 11, respectively; and

determining the selected CTU size based on the coded value.

4. The method of claim 3, wherein the determining the selected CTU size comprises:

determining that the selected CTU size is 128, 64, and 32 in a case that the coded value is 0, 1, and 2, respectively.

5. The method of claim 4, wherein the determining that the selected CTU size is 128, 64, and 32 comprises:

determining the selected CTU size to be $2^{CtbLog2SizeY}$, a value of CtbLog2SizeY being a difference between 7 and the coded value.

6. The method of claim 3, wherein the determining the selected CTU size comprises:

determining that the selected CTU size is 32, 64, and 128 in a case that the coded value is 0, 1, and 2, respectively.

7. The method of claim 6, wherein the determining that the selected CTU size is 32, 64, and 128 comprises:

determining the selected CTU size to be $2^{CtbLog2SizeY}$, a value of CtbLog2SizeY being a sum of the coded value and 5.

8. The method of claim 1, wherein the coded information is in a sequence parameter set header for the coded video sequence.

9. The method of claim 1, further comprising:

determining, based on a coded value corresponding to the CTU size information, a variable value equal to a difference of the coded value and a predetermined constant value;

wherein determining the selected CTU comprises: determining the selected CTU by applying the determined variable value in an exponential function.

10. An apparatus for video decoding, comprising:

processing circuitry configured to:

receive coded information of pictures in a coded video sequence, the coded information including a coding tree unit (CTU) size information that indicates a CTU size selected for the pictures, the CTU size information being encoded using a truncated unary code;

determine the selected CTU size based on the CTU size information encoded using the truncated unary code; and

reconstruct samples in the pictures based on the selected CTU size.

11. The apparatus of claim 10, wherein the selected CTU size is 32x32, 64x64, or 128x128 luma samples.

12. The apparatus of claim 11, wherein the processing circuitry is configured to:

determine, based on the CTU size information encoded using the truncated unary code, a coded value from a bit string in the coded information, a maximum number of bits in the bit string being 2, the coded value being 0, 1, and 2 when the bit string is 0, 10, and 11, respectively; and

determine the selected CTU size based on the coded value.

13. The apparatus of claim 12, wherein the processing circuitry is configured to:

determine that the selected CTU size is 128, 64, and 32 in a case that the coded value is 0, 1, and 2, respectively.

14. The apparatus of claim 13, wherein the processing circuitry is configured to:

determine the selected CTU size to be $2^{CtbLog2SizeY}$, a value of CtbLog2SizeY being a difference between 7 and the coded value

15. The apparatus of claim 12, wherein the processing circuitry is configured to determine that the selected CTU size is 32, 64, and 128 in a case that the coded value is 0, 1, and 2, respectively.

16. The apparatus of claim 15, wherein the processing circuitry is configured to:

determine the selected CTU size to be $2^{CtbLog2SizeY}$, a value of CtbLog2SizeY being a sum of the coded value and 5.

17. The apparatus of claim 10, wherein the coded information is in a sequence parameter set header for the coded video sequence.

18. The apparatus of claim 10, wherein the processing circuitry is further configured to:

determine, based on a coded value corresponding to the CTU size information, a variable value equal to a difference of the coded value and a predetermined constant value; and

determine the selected CTU by applying the determined variable value in an exponential function.

19. A non-transitory computer-readable storage medium storing a program executable by at least one processor to perform the method for video decoding of any one of claims 1-9.