

DECODING METHOD AND APPARATUS, ENCODING METHOD AND APPARATUS, DEVICE AND MEDIUM

ABSTRACT

The present disclosure provides decoding methods and apparatuses, coding methods and apparatuses, devices and media thereof, the decoding method includes: obtaining, by decoding a first bitstream of a current image block, a coefficient hyperparameter feature of each of stage sub-blocks in the current image block; for each of the stage sub-blocks, determining a probability distribution parameter based on the coefficient hyperparameter feature of the stage sub-block, and obtaining, by decoding a second bitstream of the current image block based on the probability distribution parameter, a residual feature of the stage sub-block; determining a reconstructed feature of the stage sub-block based on the residual feature of the stage sub-block and a mean feature of the stage sub-block; and determining a reconstructed image block corresponding to the current image block based on respective reconstructed features of the stage sub-blocks. Through the technical solutions of the present disclosure, coding performance and decoding performance can be improved.

FIG. 2