

ABSTRACT OF THE DISCLOSURE

Aspects of the disclosure provide a method, an apparatus, and a non-transitory computer-readable storage medium for video decoding. The apparatus can include processing circuitry. The processing circuitry is configured to decode neural network update information in a coded bitstream for a neural network in a video decoder. The neural network is configured with pretrained parameters. The neural network update information corresponds to an encoded image to be reconstructed and indicates a replacement parameter corresponding to a pretrained parameter in the pretrained parameters. The processing circuitry is configured to update the neural network in the video decoder based on the replacement parameter. The processing circuitry is configured to decode the encoded image based on the updated neural network for the encoded image.

Fig. 1A