

ABSTRACT

This application relates to the field of artificial intelligence, and discloses an image processing method, including: obtaining a first image; performing feature extraction on the first image to obtain at least one first feature map, where the at least one first feature map includes N first feature values, and N is a positive integer; obtaining a target compression bit rate, where the target compression bit rate corresponds to M target gain values, each target gain value corresponds to one first feature value, and M is a positive integer less than or equal to N; respectively processing corresponding first feature values based on the M target gain values to obtain M second feature values; and performing quantization and entropy encoding on at least one processed first feature map to obtain encoded data, where the at least one processed first feature map includes the M second feature values. In this application, compression bit rate control can be implemented in a same compression model.

FIGURE 3