ENCODING AND DECODING METHOD, DEVICE AND APPARATUS

Abstract

The present application provides an encoding and decoding method, apparatus, and device, the method for encoding and decoding includes: determining prediction values of pixel points of current image block; determining gradient values of pixel points of the current image block based on the prediction values of pixel points of the current image block; determining offset vectors of pixel points of the current image block; determining prediction compensation values of pixel points of the current image block based on the gradient values and the offset vectors of pixel points of the current image block; and determining final prediction values of pixel points of the current image block based on the prediction values and the prediction compensation values of pixel points of the current image block. The method can expand the range of application of the prediction compensation adjustment.

[Fig. 3]