

ABSTRACT

The present application relates to a video stream frame rate adjustment method and apparatus, and a device, a medium and a product. The method comprises: acquiring the current image frame, which is required to generate a video stream; determining a subjective evaluation parameter of the current image frame, wherein the subjective evaluation parameter comprises a reference frame rate which is suitable for encoding the current image frame, and a subjective quality index which can be expected to be obtained by means of performing encoding according to the reference frame rate; inputting an outlet bandwidth of an encoder into a parameter optimization model, so as to obtain an approximation function, under the outlet bandwidth, for representing a mapping relation between an encoding frame rate and an objective quality index; and applying the approximation function to find a numerical approximation point corresponding to the subjective evaluation parameter, and obtaining, as an optimal frame rate for encoding the current image frame, an encoding frame rate corresponding to the numerical approximation point.

FIG. 3